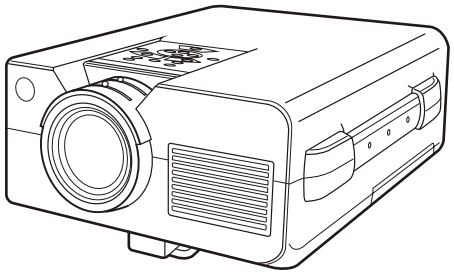
SHARP

SERVICE MANUAL
SERVICE-ANLEITUNG
维修手册

S29D2XG-NV4SE



LCD PROJECTOR
LCD PROJEKTOR
液晶投影机

MODELS
MODELLE
型号

XG-NV4SE/SM
XG-NV40SA

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Im Interesse der Benutzersicherheit (erforderliche Sicherheitsregeln in einigen LЈndern) mu§ das GerЈt in seinen Originalzustand gebracht werden. Au§erdem dџrfen fџr die spezifizierten Bauteile nur identische Teile verwendet werden.

为了用户安全起见（根据一些国家的安全规程的需要），应将电视机保持于最初的状态，而且只能使用与指定物相同的部件。

SHARP CORPORATION

CONTENTS

Page

- NOTE TO SERVICE PERSONNEL 3
- SPECIFICATIONS 4
- OPERATION MANUAL 5
- REMOVING OF MAJOR PARTS 11
- RESETTING THE TOTAL LAMP TIMER 16
- THE OPTICAL UNIT OUTLINE 17
- COVERGENCE AND FOCUS ADJUSTMENT .. 18
- ELECTRICAL ADJUSTMENT 23
- ADJUSTING THE PC BOARD 28
- TROUBLESHOOTING TABLE 29
- CHASSIS LAYOUT 130
- BLOCK DIAGRAM 132

Page

- OVERALL WIRING DIAGRAM 136
- DESCRIPTION OF SCHEMATIC DIAGRAM ... 138
- WAVEFORMS 139
- SCHEMATIC DIAGRAM 140
- PRINTED WIRING BOARD ASSEMBLIES 180
- PARTS LIST
  - ■ ELECTRICAL PARTS 191
  - ■ CABINET AND MECHANICAL PARTS 217
  - ■ ACCESSORIES PARTS 224
  - ■ PACKING PARTS 224
- PACKING OF THE SET 225

INHALT

Seite

- HINWEISE FÜR DAS WARTUNGSPERSONAL 45
- TECHNISCHE DATEN 46
- BEDIENUNGSANLEITUNG 47
- ENTFERNEN DER HAUPTTEILE 53
- NULLSTELLUNG DES LAMPEN-BETRIEBSSTUNDENZÄHLERS(GESAMTZEIT) 58
- ÜBERSICHT DER OPTIKEINHEIT 59
- EINSTELLUNG VON KONVERGENZ UND BRENNPUNKT 60
- ELEKTRISCHE EINSTELLUNG 65
- EINSTELLUNG DER PC-PLATINE 71
- FEHLERSUCHTABELLE 72
- CHASSIS-ANORDNUNG 130

Seite

- BLOCKSCHALTBILD 132
- GESAMTSCHALTPLAN 136
- BESCHREIBUNG DES SCHEMATISCHEN SCHALTPLANS 138
- WELLENFORMEN 139
- SCHEMATISCHER SCHALTPLAN 140
- LEITERPLATTENEINHEITEN 180
- ERSATZTEILLISTE
  - ■ ELEKTRISCHE BAUTEILE 191
  - ■ CEHÄUSE UND MECHANISCHE BAUTEILE 217
  - ■ ZUBEHÖRTEILE 224
  - ■ VERPACKUNGSTEILE 224
- VERPACKEN DES GERÄTS 225

目　录

页数

- 保养维修人员须知 88
- 规格 89
- 使用说明书 90
- 主要部件的拆卸 96
- 总灯定时器的复位 101
- 光学装置概要 102
- 会聚及焦点的调整 103
- 电路调整 108
- PC板的调整 113
- 故障排除流程 114
- 机芯底盘电路布置 130
- 方框图 132

页数

- 整体印刷电路图 136
- 电路原理图的说明 138
- 波形图 139
- 电路原理图 140
- 印刷电路板组件 180
- 零件表
  - ■ 电路零件 191
  - ■ 壳罩与及机械零件分解图 217
  - ■ 附件 224
  - ■ 包装部件 224
- 包装方法 225

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

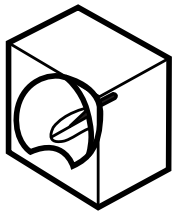
The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

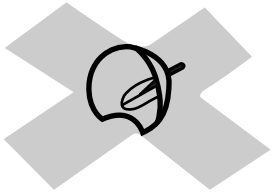
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



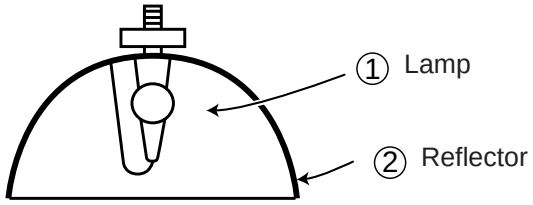
UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0055DE01 or BQC-XGNV4SE/1 rated 65V/150W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.)
Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ② .
[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposurem (Fig. 1).

Note: Please obtain a lens cap before servicing a models XG-NV4SE/SM, XG-NV40SA that is received without one.

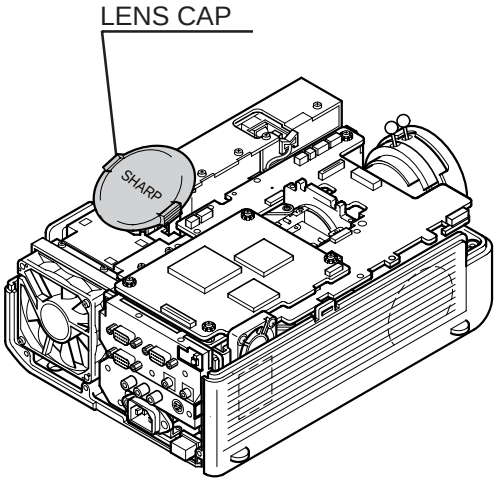


Figure 1.

Specifications

Product type	LCD Projector
Model	XG-NV4SE/SM, XG-NV40SA
∗ Video system	PAL/SECAM/NTSC 3.58/NTSC 4.43
Display method	LCD panel × 3, RGB optical shutter method
LCD panel	Panel size: 22.9 mm (0.9″) (13.9 [H] × 18.5 [W] mm) Display method: Translucent TN liquid crystal panel Drive method: TFT (Thin Film Transistor) Active Matrix panel No. of dots: 485,616 dots (804 [H] × 604 [V])
Lens	1–1.5× zoom lens, F2.0–2.6, f = 37–55.5 mm
Projection lamp	AC 150 W lamp
Brightness (ANSI lumen)	600 ANSI lumens
Contrast ratio	200:1
∗ Video input signal	RCA Connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO, 0.5 Vrms more than 22 kΩ (stereo)
∗ S-video input signal	4-pin mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
∗ Horizontal resolution	580 TV lines (video input)
Audio output	2 W (monaural)
Computer RGB input signal	*Video signal* 15-PIN MINI D-SUB CONNECTOR (Computer Input Port 1, 2): RGB separate type analog input: 0–0.7 Vp-p, positive, 75 Ω terminated STEREO MINIJACK: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo) HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) or composite sync (Apple only) VERTICAL SYNC. SIGNAL: Same as above
Computer input signal	9-pin D-sub male connector (RS-232C Input Port)
Speaker system	3 3/32″ (8 cm) round
Rated voltage	AC 110–120/220–240 V
Input current	2.3 A/1.2 A
Rated frequency	50/60 Hz
Power consumption	250 W
Operating temperature	+5°C to +40°C
Storage temperature	−20°C to +60°C
Cabinet	Plastic
I/R Carrier frequency	40 kHz
Laser Pointer of Remote Control	*Wave length* 670 nm, *Max. output* 1 mW Class II Laser Product
Dimensions (approx.)	229 × 121 × 310 mm (W × H × D) (main body only) 243.5 × 128 × 337 mm (W × H × D) (including an adjuster leg and projecting parts)
Weight (approx.)	4.5 kg
Supplied accessories	Remote control, Four AA batteries, Computer cable (3 m), Macintosh adaptor, Remote mouse receiver, Mouse control serial cable (1 m), Mouse control cable for IBM PS/2 (1 m), Mouse control cable for Mac (17 cm), Computer audio cable (3 m), Extra air filter, Lens cap (attached), Power cord, Carrying bag
Replacement parts	Remote control (XG-NV4SE/SM: RRMCG1463CESA, XG-NV40SA: RRMCG1465CESA), Computer cable (QCNW-5108CEZZ), Macintosh adaptor (QPLGJ1512CEZZ), Remote mouse receiver (RUNTK0632CEN1), Mouse control serial cable (QCNW-5112CEZZ), Mouse control cable for IBM PS/2 (QCNW-5113CEZZ), Mouse control cable for Mac (QCNW-5114CEZZ), Computer audio cable (QCNW-4870CEZZ), Air filter (PFILD0076CEZZ), Lens cap (GCOVH1307CESA), Power cord, Carrying bag (GCASN0001CESA)

Note : ∗ (for XG-NV4SM, XG-NV40SA as well as AUSTRALIA and NEW ZEALAND and HONG KONG versions of XG-NV4SE)

This SHARP projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 485,616 pixels (× RGB) TFTs (Thin Film Transistors).
As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to. This unit has some inactive TFTs within acceptable tolerances which may result in illuminated or inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.

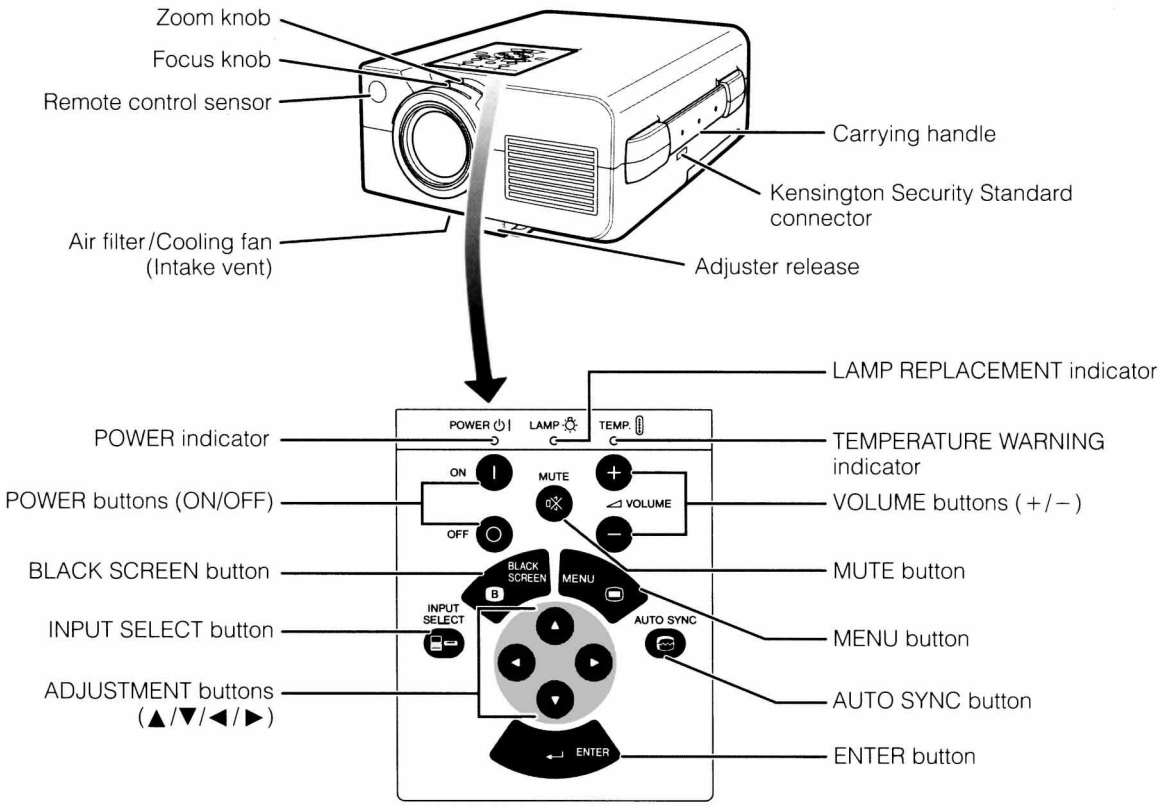
Specifications are subject to change without notice.

Location of Controls

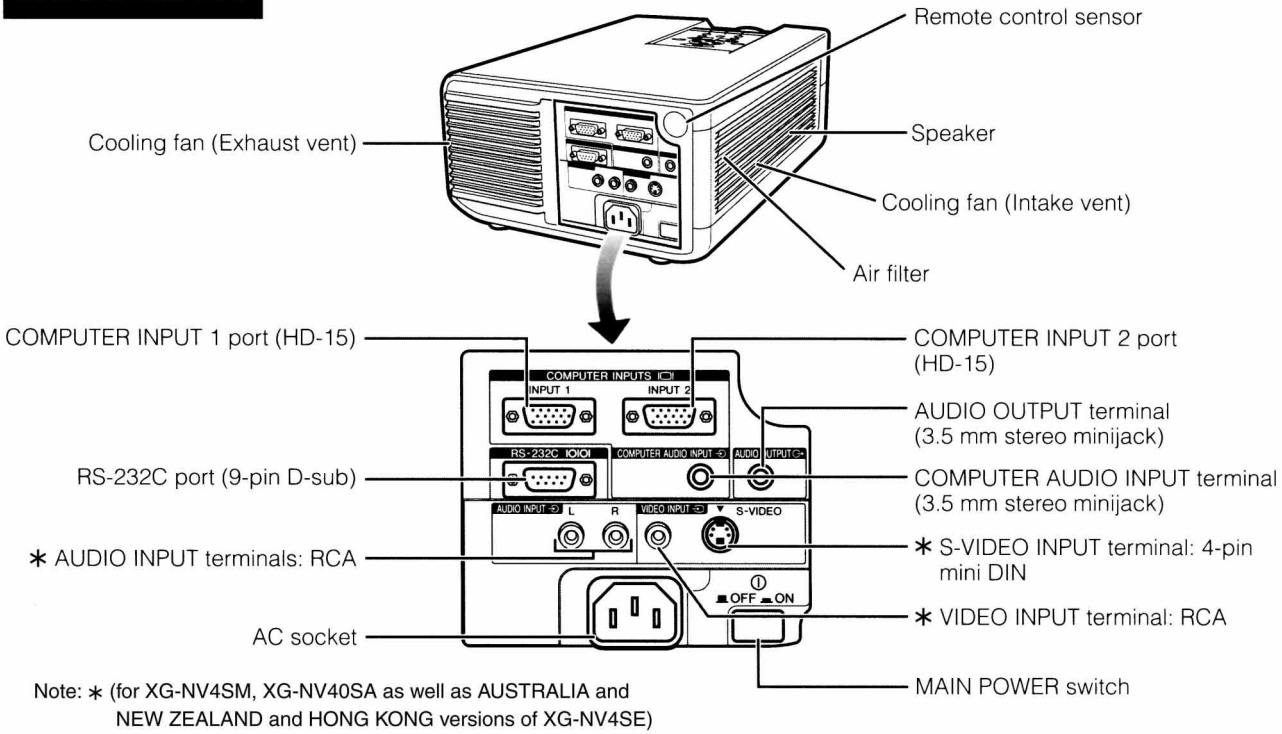
For details on the use of each control and terminal, refer to the page number indicated in the brackets.

Projector

Front View



Side and Rear View

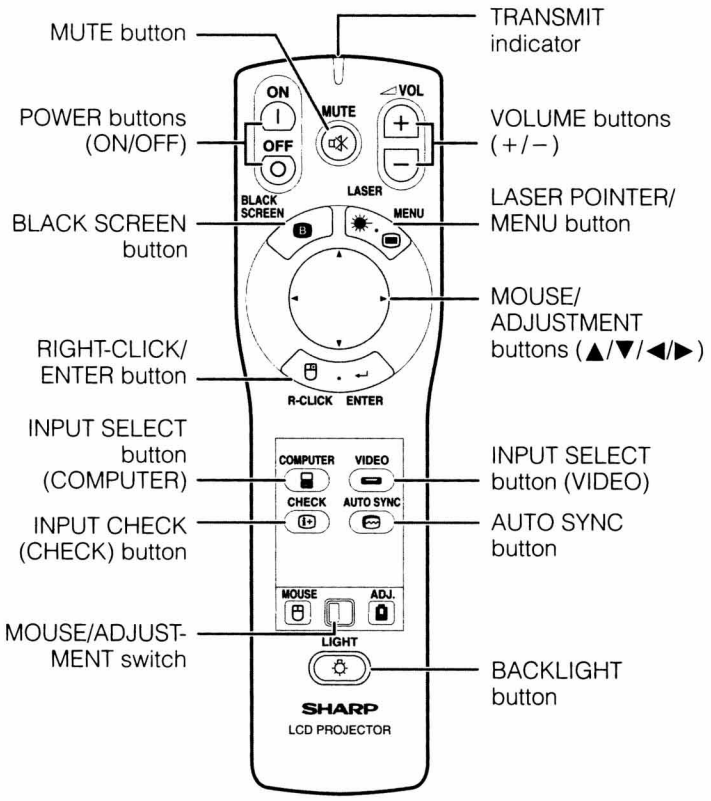


Note: ∗ (for XG-NV4SM, XG-NV40SA as well as AUSTRALIA and NEW ZEALAND and HONG KONG versions of XG-NV4SE)

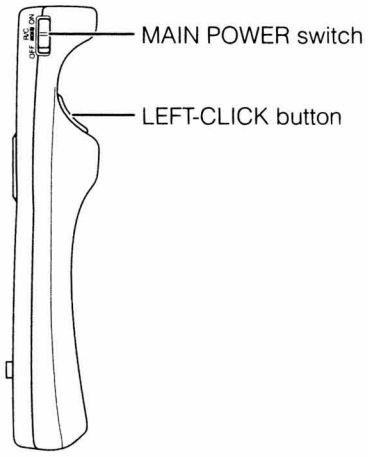
Operating the Wireless Mouse Remote Control

Wireless Mouse Remote Control

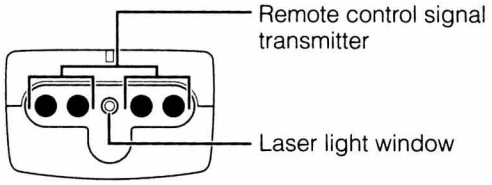
Front View



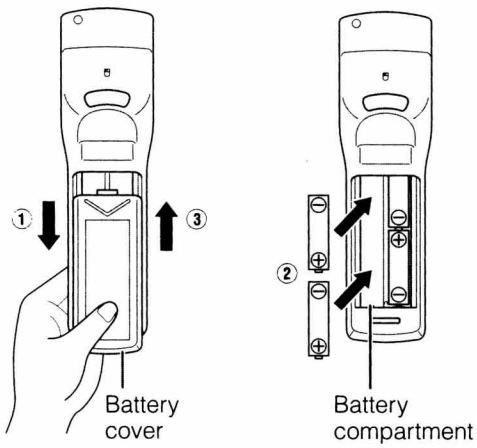
Side View



Top View



Rear View



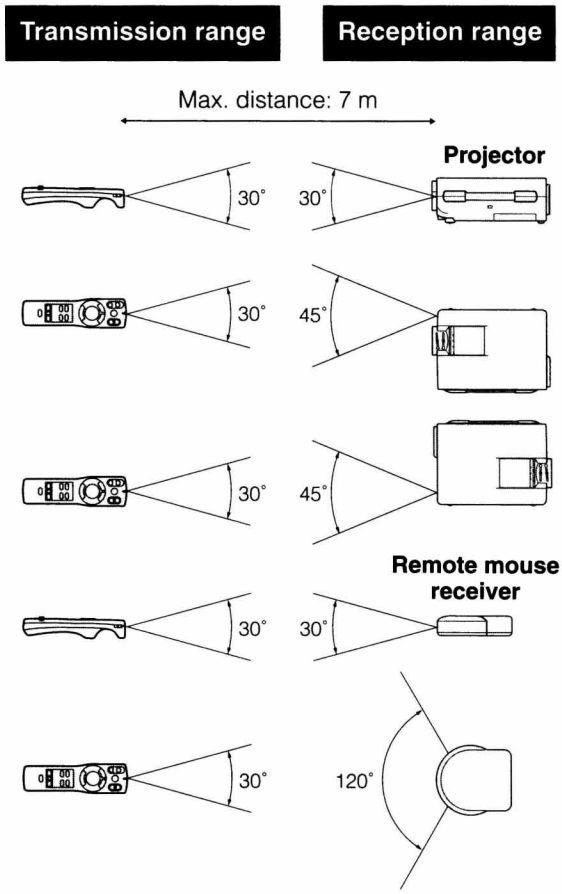
Inserting the batteries

1. Press in and downward on the arrow mark and remove the battery cover.
2. Insert four AA size batteries making sure their polarities match the + and − marks inside the battery compartment.
3. Insert the side tabs of the battery cover into their slots and press in the cover until properly seated.

NOTE

Incorrect use of batteries may cause them to leak or burst.

- Insert the batteries with the + and − polarities as indicated.
- Do not mix different brands of batteries. The life expectancy of the new batteries will be shortened and the old batteries may leak.
- Maintain the batteries in clean condition.
- Remove the batteries if the remote control will not be used for an extended period of time.
- When the batteries have been used up, remove them immediately to prevent leakage and damage. Leaked battery fluid may irritate the skin. Remove any battery fluid by wiping with a cloth.
- Due to storage conditions and the shelf life of the supplied batteries, they may run out after a short time. Should this occur, replace them with new batteries as soon as possible.



Remote control and remote mouse receiver positioning

The remote control can be used to control the projector in the ranges shown on the left.

The remote mouse receiver can be used with the remote control in the ranges shown to control the mouse functions of a connected computer.

NOTE

- The signal from the remote control can be reflected off the screen for easy operation. However, the effective distance of the signal may differ due to the screen material.

This remote control can be used for basic operations of the projector as well as operations of a connected computer by using the wireless mouse functions and remote mouse receiver. Together with the laser pointer, this can help you create a more professional presentation.

a. Connecting the projector to the computer

Connect the projector and the computer with the supplied computer cable. When using the remote mouse receiver to operate the computer, connect the remote mouse receiver to the computer.

⚠ CAUTION

- Always turn on the projector first, then the computer on.

b. Wireless Mouse Operation

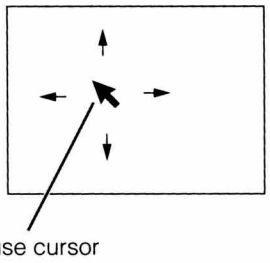
1. After connecting the projector and the computer, turn them on.
2. Slide the **MAIN POWER** switch on the side of the remote control to ON.
3. When using the remote control as a wireless mouse, slide the **MOUSE/ADJUSTMENT** switch to the MOUSE position. When using the remote control to operate the projector, slide the switch to the ADJ. position.

⚠ CAUTION

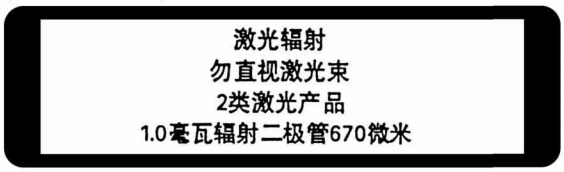
- Do not connect or remove the mouse control cable and the computer cable to or from the computer while it is on. This may damage the computer.

NOTE

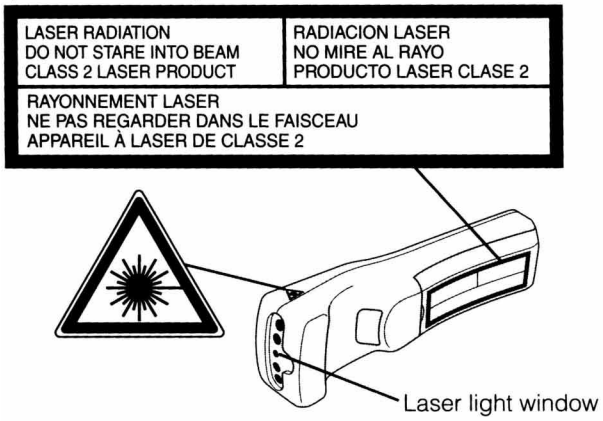
- The wireless mouse or RS-232C function may not operate if your computer port is not correctly set up. Please refer to the operation manual of the computer for details on setting up/installing the correct mouse driver.



(XG-NV40SA)



(XG-NV4SE/SM)



Button name	Position of MOUSE/ADJUSTMENT switch	
	MOUSE	*ADJ.*
LASER POINTER/MENU	LASER POINTER (GREEN)	MENU (RED)
RIGHT-CLICK/ENTER	RIGHT-CLICK (GREEN)	ENTER (RED)
MOUSE/ADJUSTMENT	MOUSE (NOT LIT)	ADJUSTMENT (NOT LIT)
LEFT-CLICK	ON (NOT LIT)	—
BLACK SCREEN	ON (RED)	
POWER ON/OFF		
VOLUME		
MUTE		
COMPUTER		
VIDEO		
INPUT CHECK		
AUTO SYNCHRONISATION		

c. Moving the mouse cursor

Press ▲/▼/◀/▶ on the remote control to move the mouse cursor on the screen.

NOTE

- The amount of pressure applied to the ▲/▼/◀/▶ buttons determines the speed the mouse cursor travels. If you lightly press the periphery of the ▲/▼/◀/▶ buttons, the mouse cursor moves slowly. If you press hard, the mouse cursor moves quickly.
- The mouse sensitivity can also be adjusted from your computer's operating system.

d. Selecting the mouse button for two-button mouse systems

Use **LEFT-CLICK** on the back of the remote control to correspond to the left mouse button on two-button mouse systems, and **RIGHT-CLICK** on the front of the remote control to correspond to the right button.

NOTE

- For one-button systems, use either the **LEFT-CLICK** or **RIGHT-CLICK** button.

Using the laser pointer

CAUTION

- This product contains a low power laser device. To ensure continued safety, do not remove any cover or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

The remote control has a Laser pointer, which emits a Class II Laser beam from the Laser light window shown in the diagram. Do not stare directly into the beam, nor direct the beam at other people. The two marks shown on the left are cautions concerning the laser beam. Always use the laser pointer at temperatures between +5°C and +40°C.

Press **LASER POINTER** (✹) to activate the laser pointer. When the button is pressed, the light stays on. When the button is released, the light automatically goes off.

NOTE

- For safety reasons, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on again, press **LASER POINTER** (✹) one more time.

Using the remote control in a dark room

When the position of the **MOUSE/ADJUSTMENT** switch is changed, the functions of certain buttons on the remote control also change. You can determine the function of a button by the colour of its backlight display. See the table on the left.

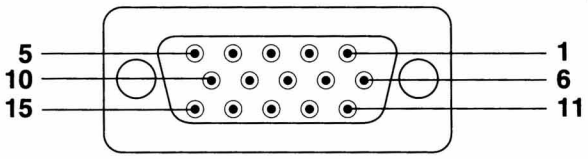
Press **BACKLIGHT** to turn on the backlights of the operation buttons for about five seconds.

NOTE

- If the **MAIN POWER** switch on the remote control is left on for more than 10 minutes without operation, the power will automatically turn off. To turn the power back on, press any button on the remote control for more than one second.

Connection Pin Assignments

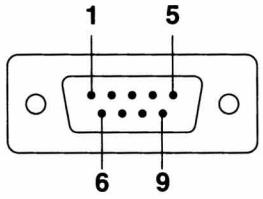
Analog Computer 1 and 2 Signal Input Ports: 15-pin mini D-sub female connector



Computer Input
Analog

1. Video input (red)
2. Video input (green)
3. Video input (blue)
4. Reserve input 1
5. Composite sync
6. Earth (red)
7. Earth (green)
8. Earth (blue)
9. Not connected
10. GND
11. GND
12. Bi-directional data
13. Horizontal sync signal
14. Vertical sync signal
15. Data clock

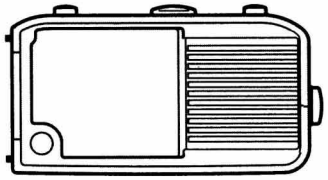
RS-232C Port: 9-pin D-sub male connector



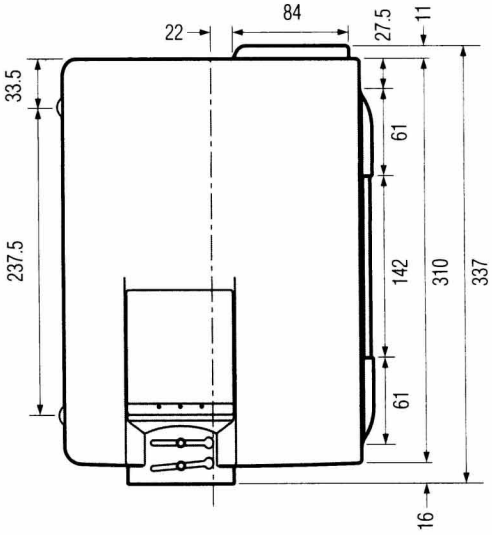
Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready	Output	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS			Not connected
9	CI			Not connected

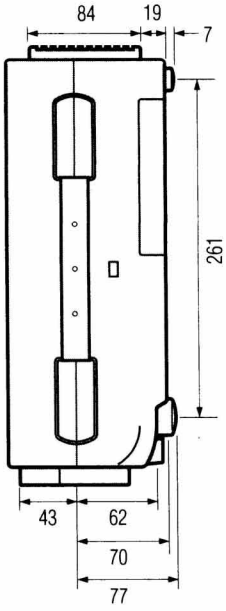
Dimensions

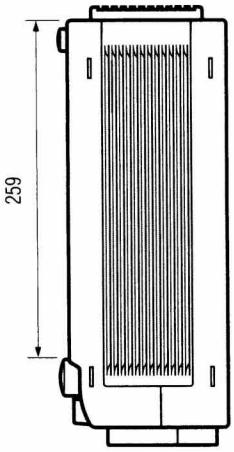
Rear View



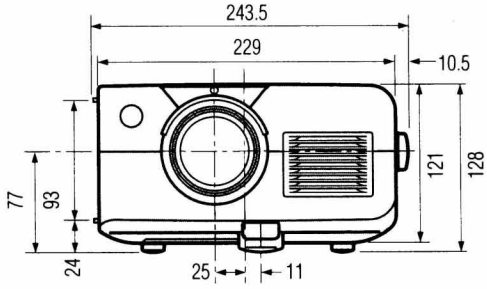
Top View



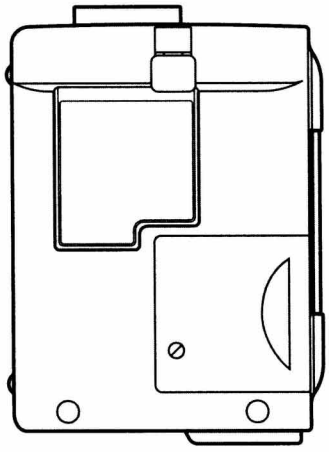




Side View



Front View



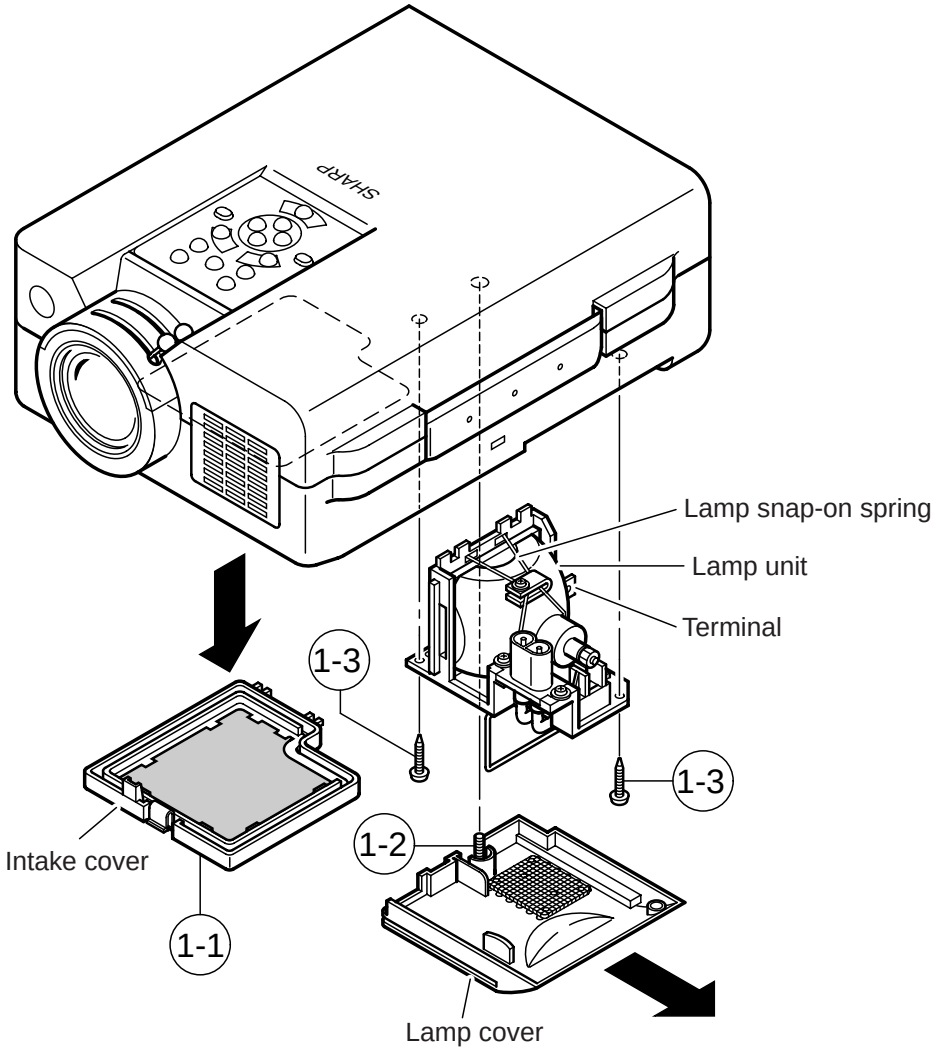
Bottom View

Units: mm

REMOVING OF MAJOR PARTS

1. Removing the Intake cover and lamp unit

1-1. Detach the Intake cover.
1-2. Loosen the lamp cover screw and draw out the lamp cover in the direction of arrow (toward yourself).
1-3. Remove the two lamp unit lock screws. Detach the lamp unit.

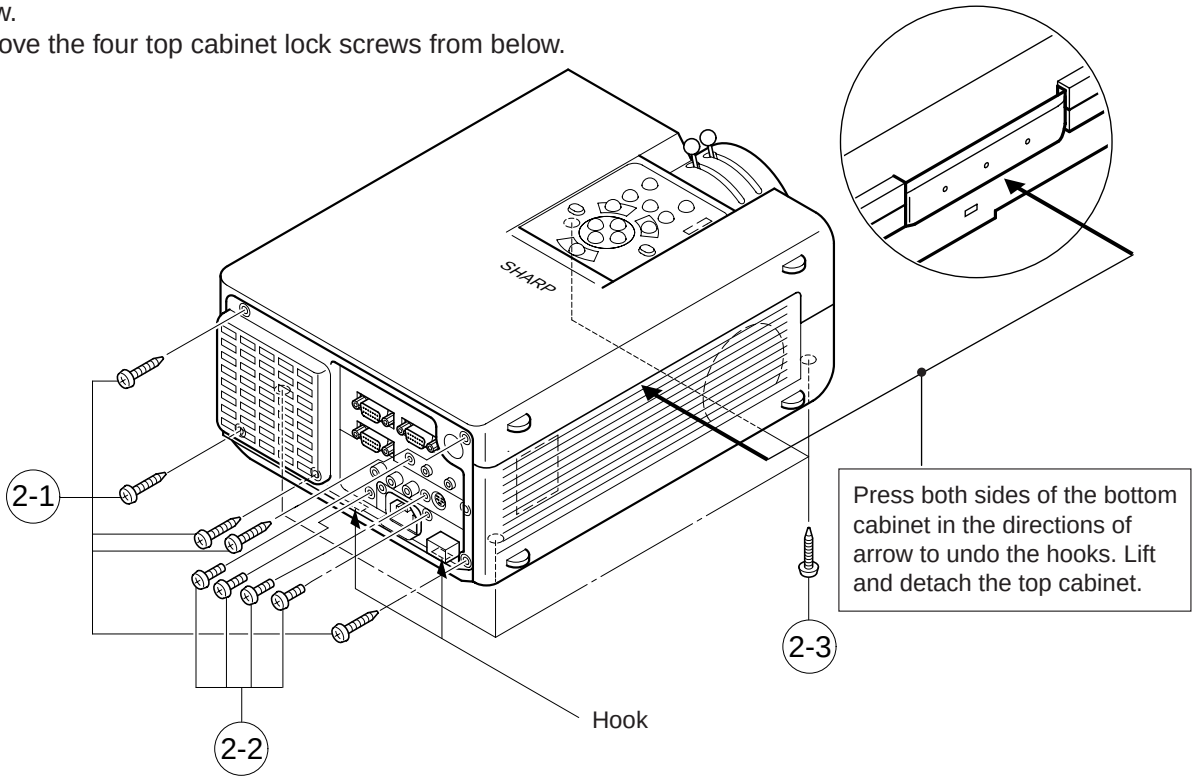


Note:

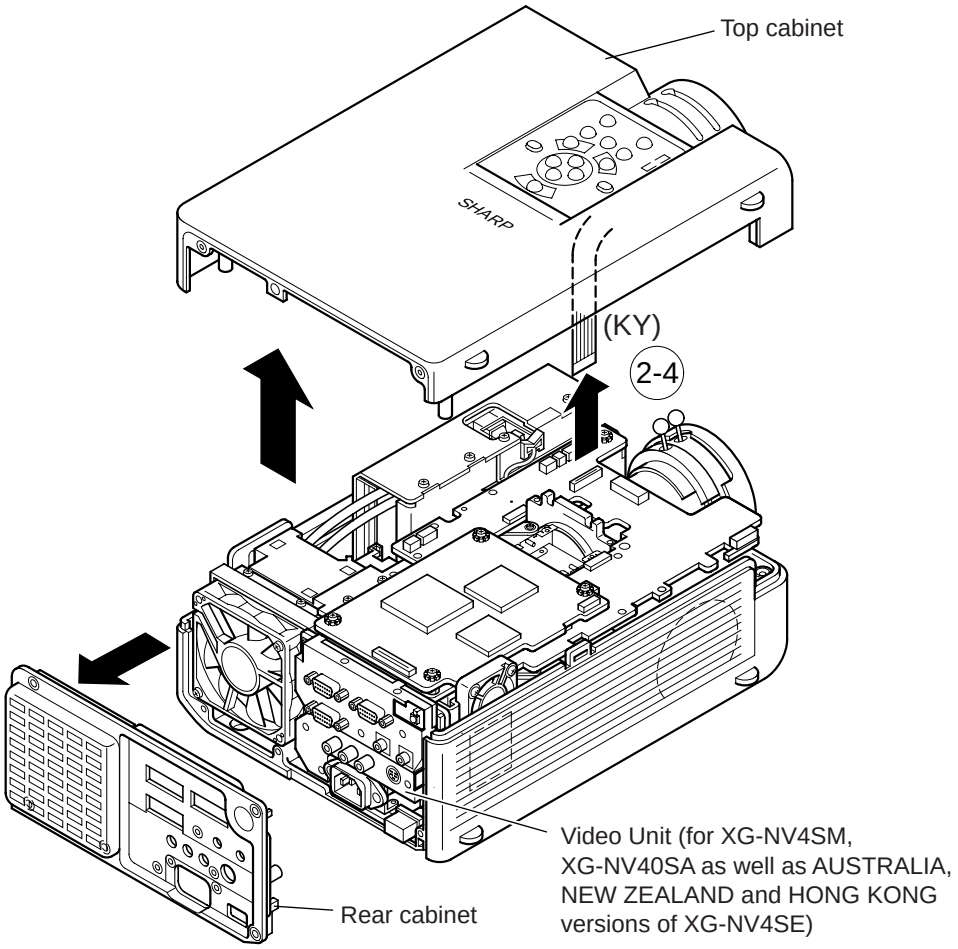
When replacing the lamp, make sure that there is a clearance of over 8mm between the terminal and the lamp snap-on spring (and other metallic parts).

2. Removing the top and rear cabinets

2-1. Remove the five rear cabinet lock screws.
2-2. Remove the four terminal board lock screws off the rear cabinet. Unhook and detach the rear cabinet from below.
2-3. Remove the four top cabinet lock screws from below.

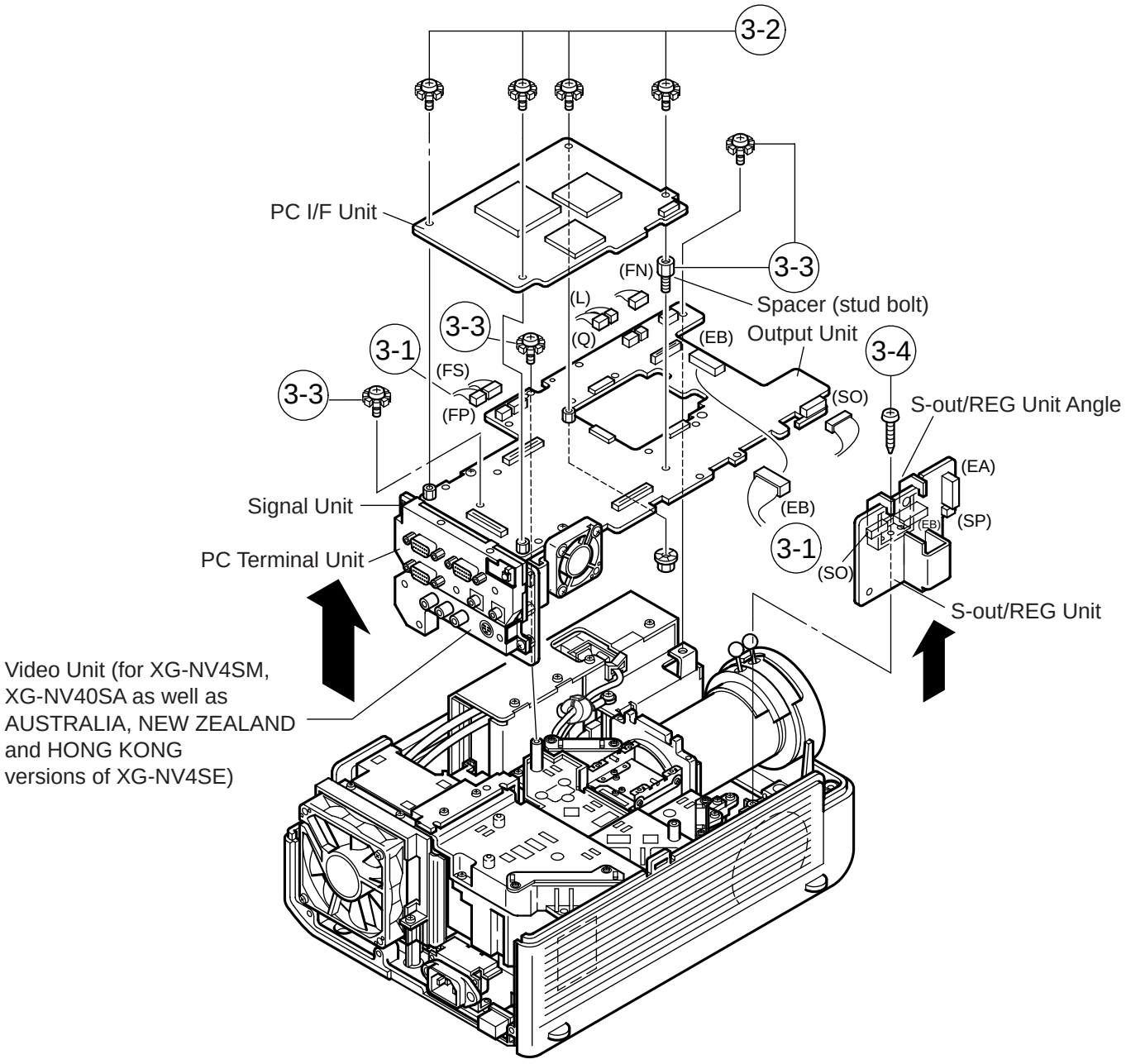

SHARP
2-1
2-2
2-3
Hook
Press both sides of the bottom cabinet in the directions of arrow to undo the hooks. Lift and detach the top cabinet.

2-4. Slowly lift the top cabinet and disconnect the operation key unit connector (KY). Then take away the top cabinet.


Top cabinet
SHARP
(KY)
2-4
Video Unit (for XG-NV4SM, XG-NV40SA as well as AUSTRALIA, NEW ZEALAND and HONG KONG versions of XG-NV4SE)
Rear cabinet

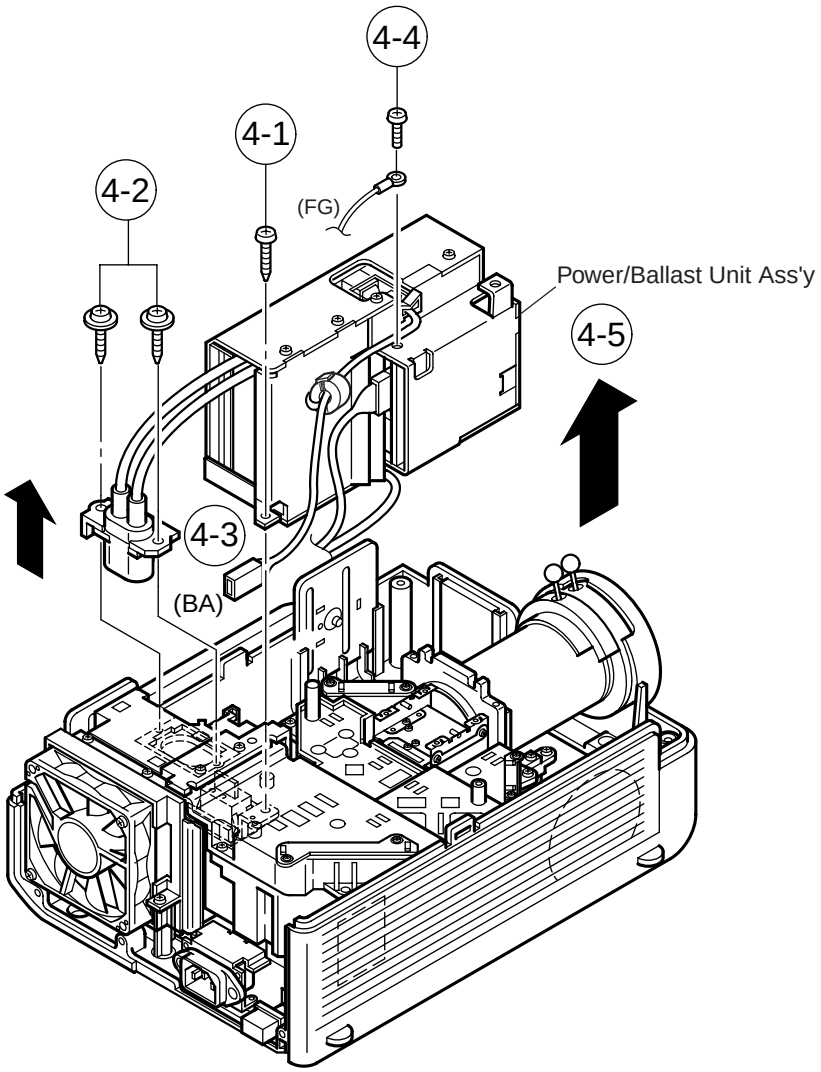
3. Removing the PWB units

3-1. Disconnect the connectors from the output unit.
3-2. Remove the four PC I/F unit lock screws, and take out the PC I/F unit.
3-3. Remove the spacer (stud bolt) and the three screws off the output unit. Lift the output unit, together with the signal unit, off the position.
3-4. Remove the S-out/REG unit angle lock screw and take out the S-out/REG unit.



4. Removing the Power/Ballast unit assembly

4-1. Remove the Power/Ballast unit assembly lock screw.
4-2. Remove the two lamp socket holder lock screws and take out the holder.
4-3. Disconnect the connector (BA) from the ballast unit.
4-4. Remove the (FG) lead lock screw.
4-5. Lift the Power/Ballast unit assembly off the position.

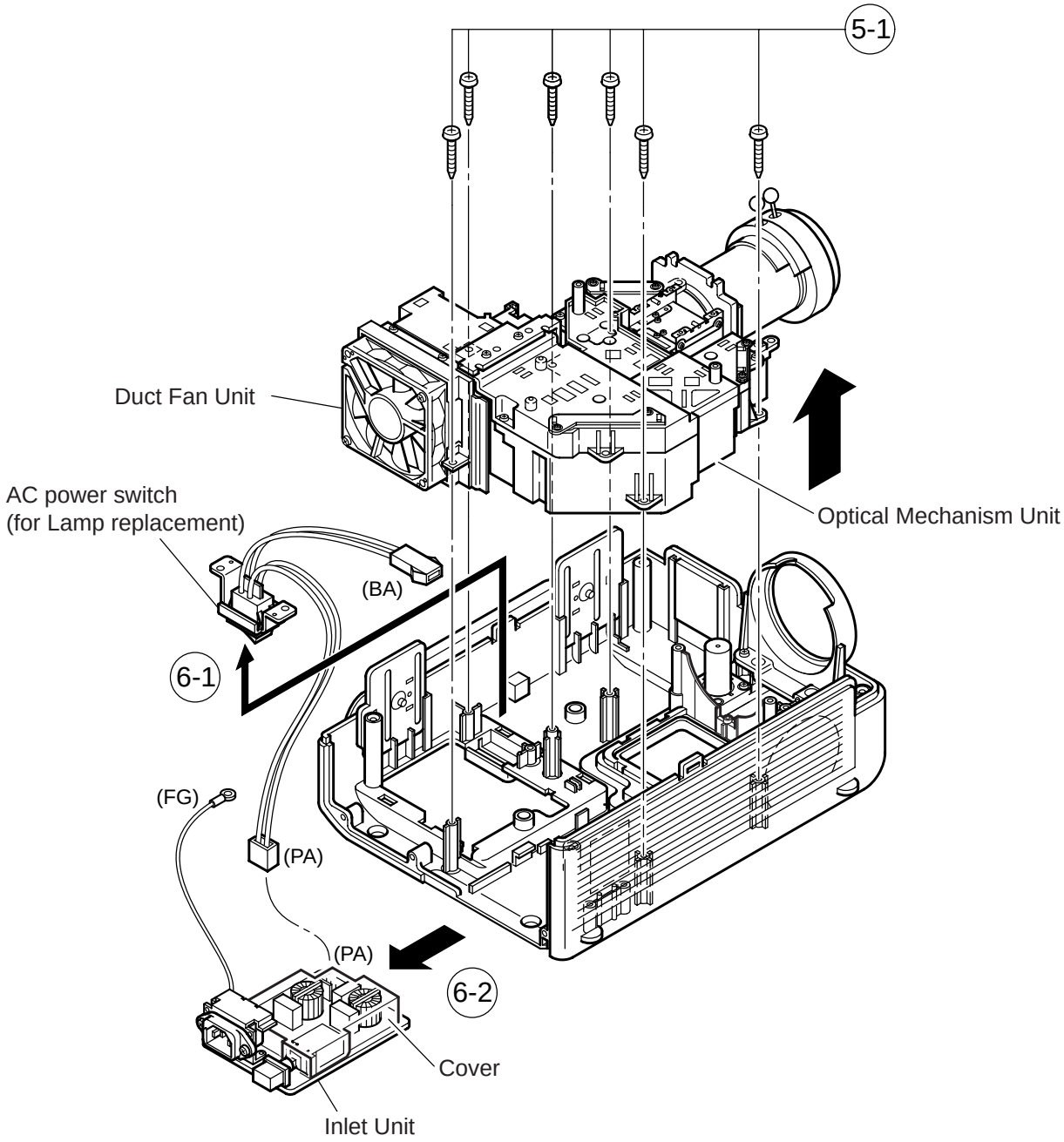


5. Removing the optical mechanism unit

5-1. Remove the six optical mechanism unit lock screws. Lift the unit off the position.

6. Removing the ballast unit and inlet unit

6-1. Disconnect the connector (PA) from the inlet unit. Take out the AC power switch.
6-2. Pull the inlet unit toward yourself off the position.
Note: Before installing the lamp cover, make sure the AC power switch is at the "◯" (OFF) position.

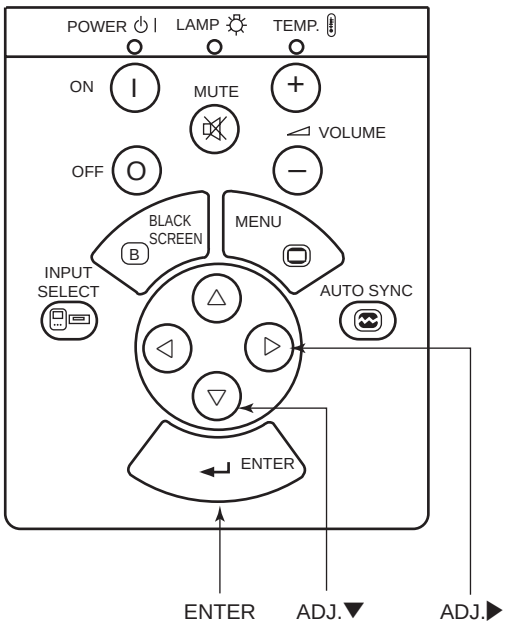


RESETTING THE TOTAL LAMP TIMER

When the lamp has been replaced, reset the total lamp timer in the following steps.

Resetting procedure

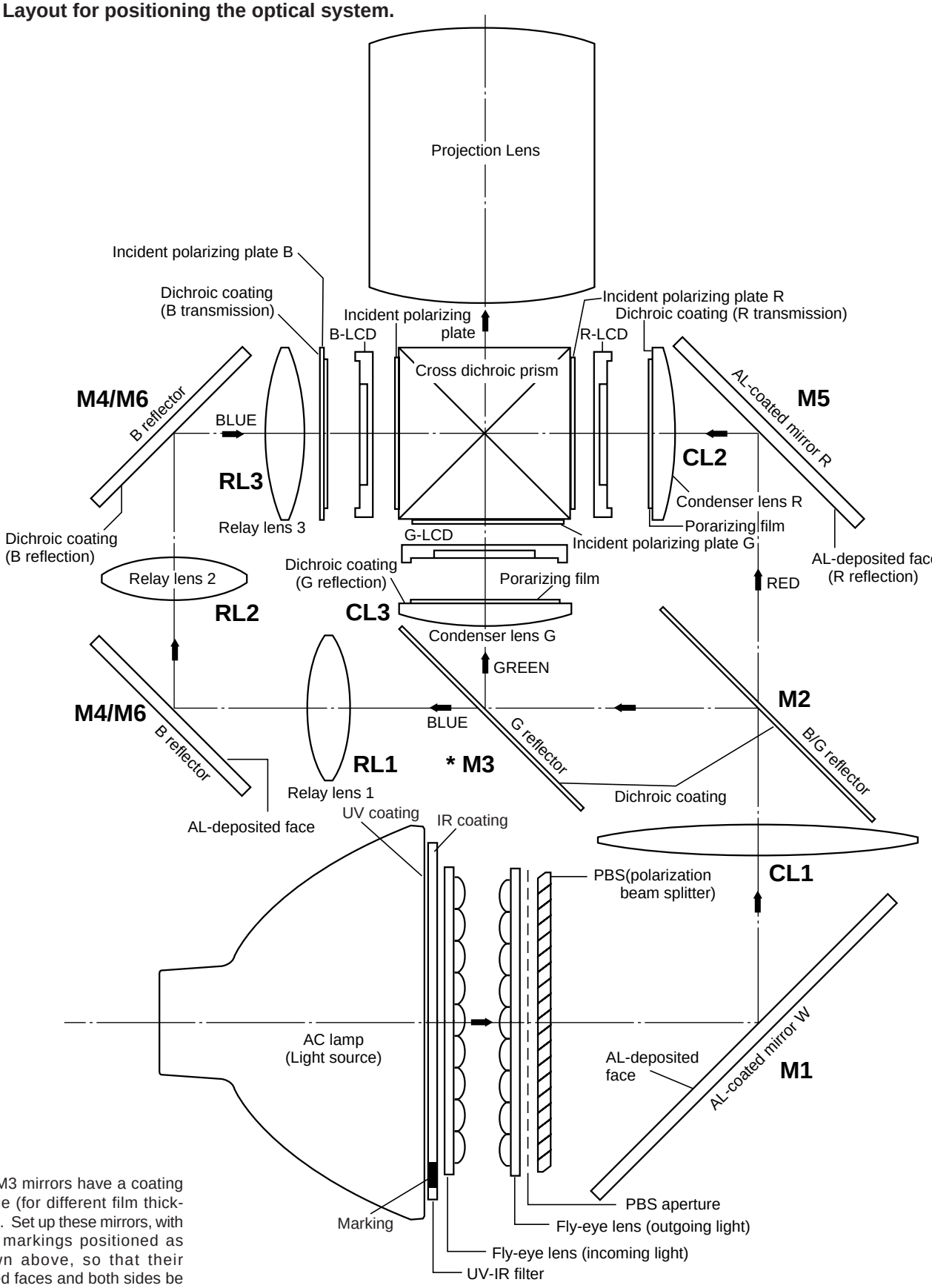
1. While holding down the “ENTER”, “ADJ.▼” and “ADJ.▶” keys on the set at the same time, turn on the main power switch (located side the AC inlet).
2. Now the total lamp timer is reset to zero. “000H” appears on the screen.



THE OPTICAL UNIT OUTLINE

Layout of the optical system

Note: Layout for positioning the optical system.



* The M3 mirrors have a coating wedge (for different film thickness). Set up these mirrors, with their markings positioned as shown above, so that their coated faces and both sides be in the correct directions.

CONVERGENCE AND FOCUS ADJUSTMENT

- **Start the convergence and focus adjustments with the top panel removed but the power on. Use the remote control to adjust the image.**
  Take the following procedures.

1. Focusing the projection lens

(A) Replacing all the 3 LCD panels

1. Before replacing all the 3 LCD panels, project an image on the screen and bring it into focus.
2. Replace the LCD panels with new ones. But until the focus has been completely readjusted, be careful not to change the projection distance between the set and the screen, nor to move the projection lens focus and zoom rings.

Note:

If the focus is readjusted with a different positional relation, the relation between the projection distance and the screen size is affected. In other words, a short-distance image (40 WIDE for example) may get out of the focus range, or a long-distance image (300 WIDE for example) may come out of the focus.

(B) Replacing 1 or 2 of the 3 LCD panels

1. In adjusting the focus after replacement of one or two LCD panels, project an image on the screen and turn the projection lens focus ring to get the non-replaced LCD panel into focus.
2. But until the focus has been completely adjusted for the new LCD panels, be careful not to change the projection distance between the set and the screen, nor to move the projection lens focus and zoom rings.
3. If the projection distance has been changed or the projection lens readjusted, repeat the above steps 1 and 2.

2. Focus adjustment

(A) Adjusting the G-LCD panel(Make this adjustment on the white-only screen.)

1. Adjustment in θX and Z directions .
   Loosen the lock screw "a" and insert an eccentric screwdriver into the notch and hole "a". Turn the screwdriver until the top, center and bottom on the screen get into focus. In adjusting this top-to-bottom focus, tighten the lock screws "b" and "c" to fix the θY direction adjustment.
   First get the right and left halves in balance. Then improve the accuracy while making the adjustment 2 below.
2. Adjustment in θY direction
   Temporarily tighten the lock screw "a" and loosen the lock screws "b" and "c". Insert the eccentric screwdriver into the notch and hole "c" for adjusting in the θY direction on the top of the screen. Insert the eccentric screwdriver into the notch and hole "b" for adjusting in the θY direction on the bottom of the screen.
3. Repeat the above steps 1 and 2 to finely adjust the focus. Finally tighten up all the lock screws.

Notes :

① Carefully proceed with the focus adjustment because the adjusting directions are correlated.
② In adjusting the convergence and focus, do not move the projection lens zoom and focus rings until the end of all the adjustments.

(B) Adjusting the B-LCD panel (Do the same for the R-LCD panel.)

1. Take the same procedure as for the G-LCD panel focus adjustment. Note that the adjustment range is wider in the Z direction. If the convergence is quite different between the B-LCD and G-LCD panels, roughly adjust the convergence first and then the focus.

3. Convergence adjustment

- Use a crosshatch pattern signal for this adjustment.
  Make the adjustment just for the G-LCD and the relevant colour.

1. Loosen the convergence lock screw "d".
2. Adjustment in Y and θZ directions
   Put a hex wrench in the Y and θZ direction adjustment zone.
3. Adjustment in X direction
   Put an eccentric cam adjusting wrench in the X direction adjustment zone.

4. With the G-LCD panel's screen center as refernce, adjust the R-LCD and B-LCD panels.
5. Finally tighten up the convergence lock screw "d".

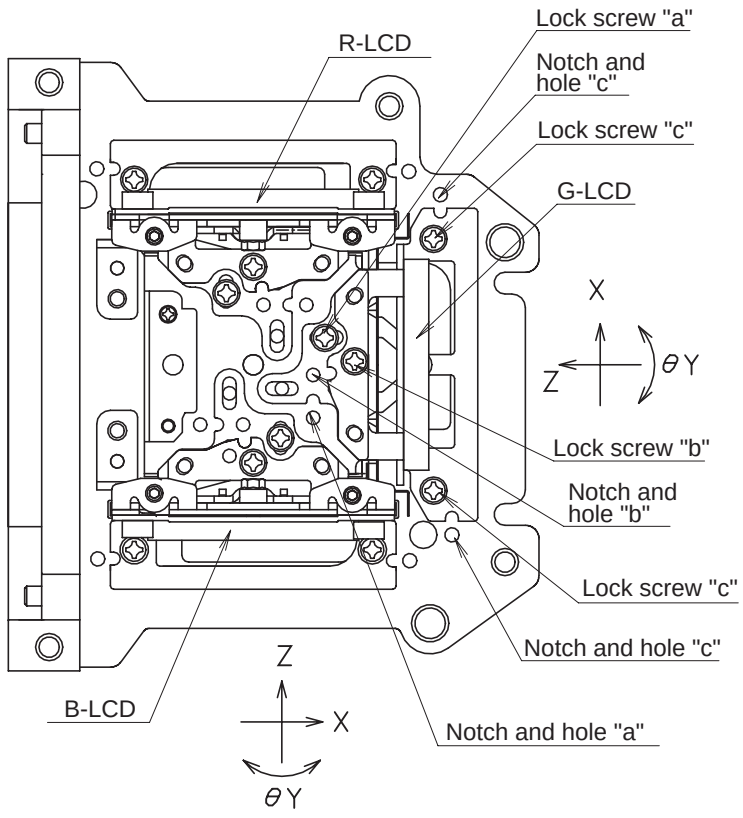
Notes :

① The eccentric cam is used for convergence adjustment.
This means that the cam's turning and the linear movement are not always uniform.

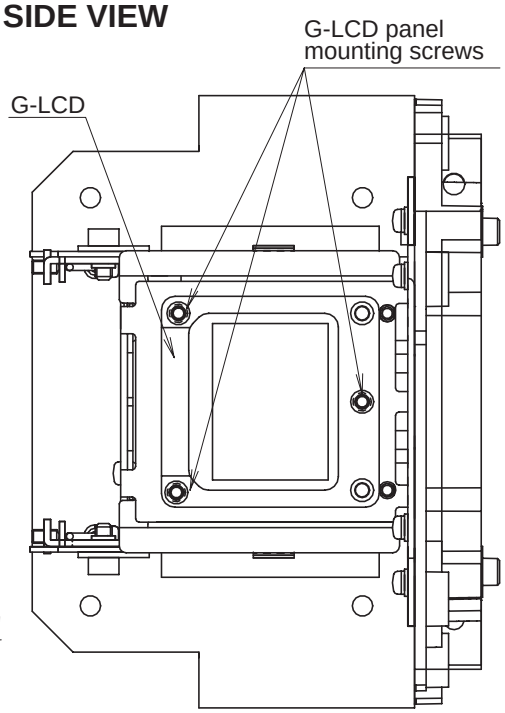
② This model is not equipped with the LCD image adjustment mechanism. This is because the cross-dichroic prism is used for image formation. When the LCD panels all get into best focus, the images are almost completely converged.

Convergence and Focus Adjustments Mechanism

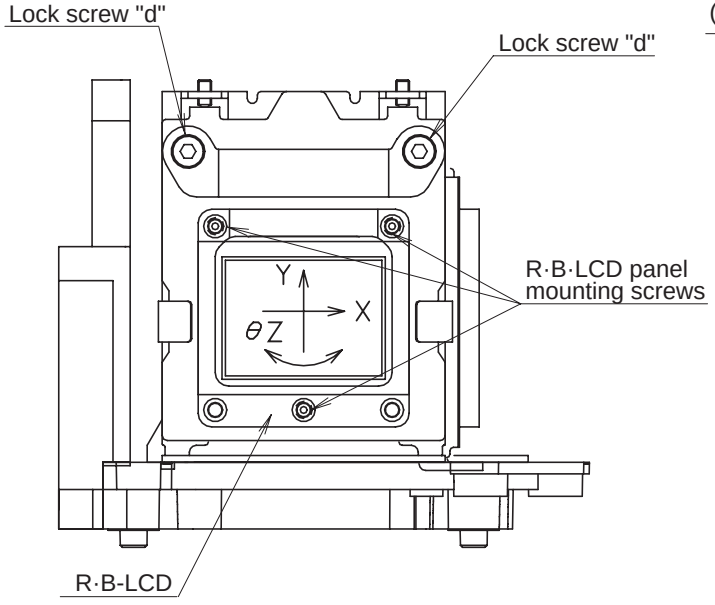
TOP VIEW



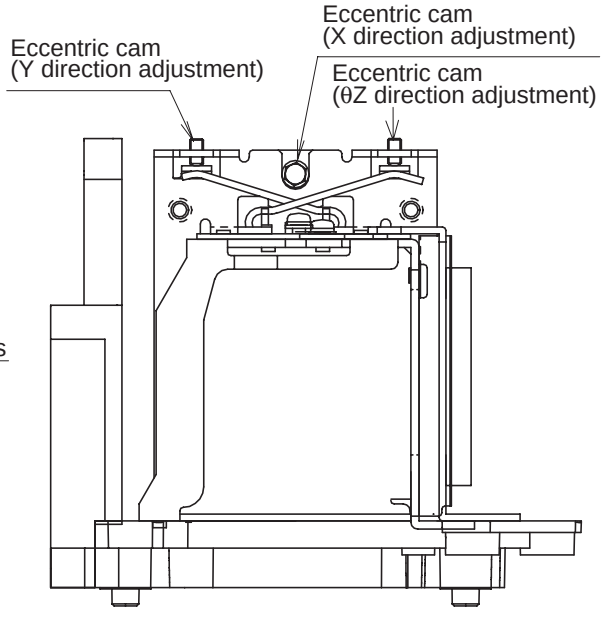
SIDE VIEW



SIDE VIEW (from inside)



SIDE VIEW (from inside)



Convergence and Focus Adjustments at a Glance

Adjustment directions

Adjustment	Direction	Definition	Direction of LCD panel
Convergence	X direction		LCD right and left
	Y direction		LCD top and bottom
	θZ direction	Rotation around Z axis	LCD turning axis
Focus	Z direction		LCD optical axis
	θX direction	Rotation around X axis	LCD top-to-bottom flapping
	θY direction	Rotation around Y axis	LCD right-to-left flapping

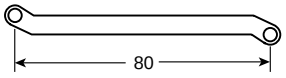
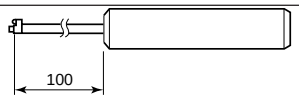
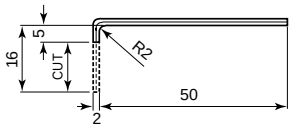
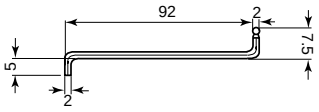
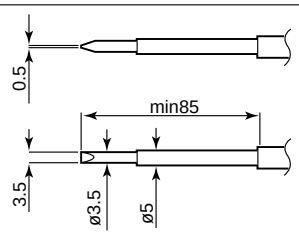
Convergence and Focus Adjustment for the Optical Mechanism

Colour	Adjustment	Direction	Movement	Position	Adjusting tool	Lock screw	Tightening tool
R/B colours	Convergence	X direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		Y direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		θZ direction	±1°	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
	Focus	Z direction	±0.8mm	Notch and hole "a" & "c"	Eccentric screwdriver, Bladed screwdriver	a, c	Phillips screwdriver, *Hex wrench
		θX direction	±1°	Notch and hole "a" & "c"		a, c	
		θY direction	±1°	Notch and hole "b" & "c"		b, c	
G colour	Focus	Z direction	±0.2mm	Same as for R and B colours			
		θX direction	±1°				
		θY direction	±1°				

Focus Adjustments the Other Way

Lock screw	Position	Related direction
a	Notch and hole "a"	Z and θX directions
b	Notch and hole "b"	θY direction
c	Notch and hole "c"	Z, θX and θY directions

Convergence and Focus Adjusting and Tightening Tools

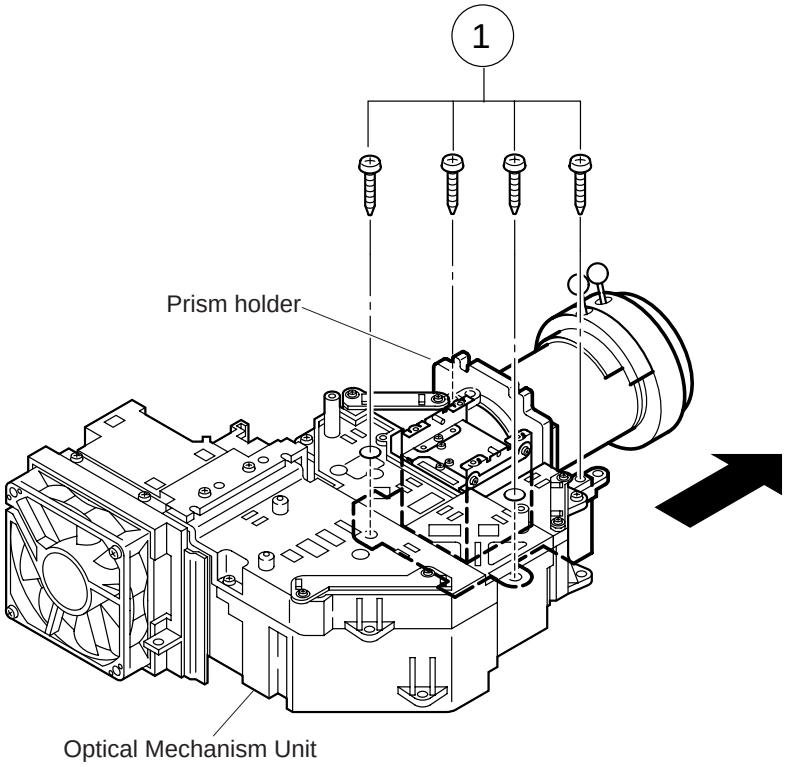
Tool	Specific or General	Tool code	Configuration
Eccentric cam adjusting wrench	Specific	9DASPN-XGNV1U	
Eccentric screwdriver	Specific	9DADRiVER-NV4U	
Hex wrench	General (redesigned)	9EQLNC-XGNV1U	
		9EQLNC-XGNV4U	
Bladed screwdriver	General	9EQDRiVER-NV1B	
Phillips screwdriver	General	—	For M2.6 pan-head machine screw
*Hex wrench	General	—	1.27mm, preferably use a 70 mm or longer screwdriver (with a handle).

Replacing the LCD panels

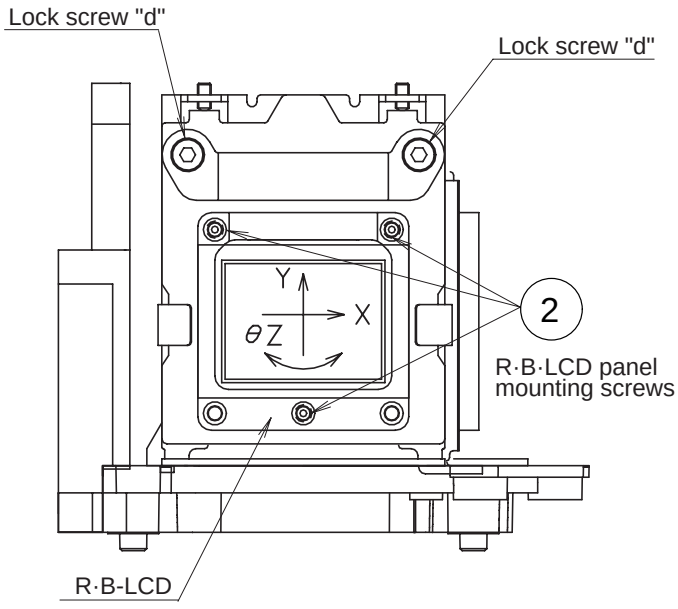
Detach the top panel and the optical mechanism unit in advance.

(1) Remove the four prism holder lock screws. Detach the prism holder from the optical mechanism unit.
(2) Remove the LCD panel lock screws (three each for the R-, G- and B-LCD panels). Detach the LCD panels from the prism holder.
(3) Mount a new LCD panel in the reverse order of the above steps (1) and (2).

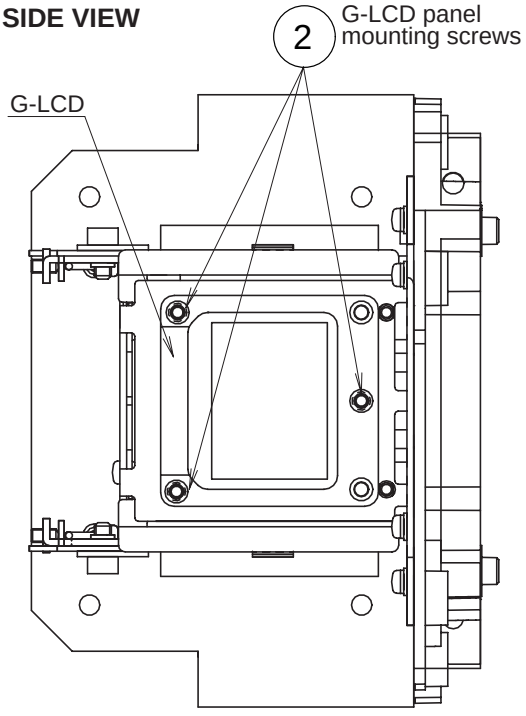
∗ Readjust the convergence and focus. Note that the G-LCD panel needs no convergence adjustment and has a small adjustment range in the Z direction.



SIDE VIEW (from inside)



SIDE VIEW

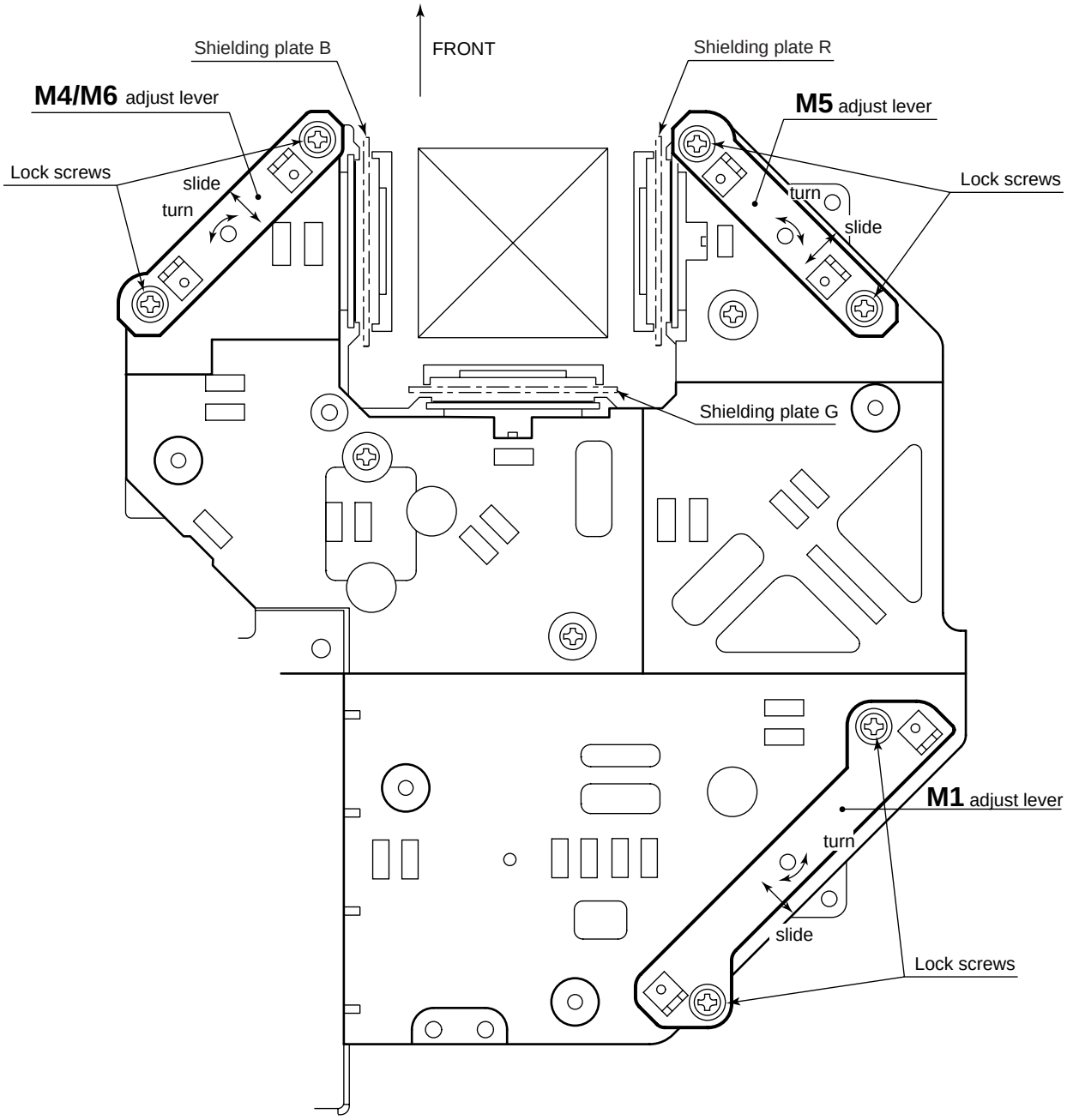


Adjusting the optical axis of the mirrors (M1, M5 and M4/M6)

The optical axis must be readjusted if an eclipse happens with the R. G or B mirrors. Generally speaking, this adjustment is needed when any of the internal optical components has been replaced.

Adjustment procedure required when any of the panels has been replaced or the convergence has been adjusted

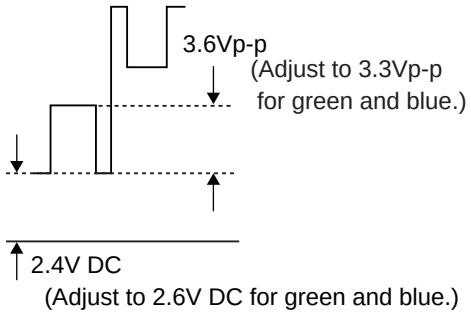
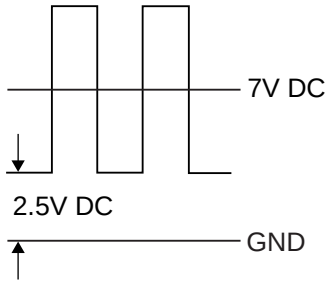
(1) Disconnect the flat cables of all the LCD panels.
(2) Let the lamp light up.
(3) To adjust the G mirror, shield the R and B mirrors with shielding plates (You can use a business card or the like to block the light).
(4) Loosen the lock screw of the M1 adjust lever.
(5) Looking at the G image on the screen, turn or slide the M1 adjust lever until the eclipse on the screen disappears. Tighten up the screw.
(6) To adjust the R mirror, shield the G and B mirrors and adjust the M5 adjust lever. For the B mirror, shield the R and G mirrors and adjust the M6 adjust lever.
(Take the same steps 4 and 5 above.)
(7) Remove all the shielding plates to have a white image.
Make sure there is no eclipse.

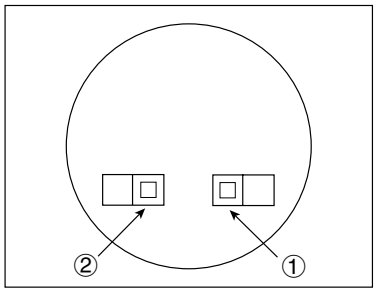
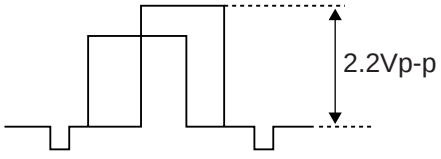


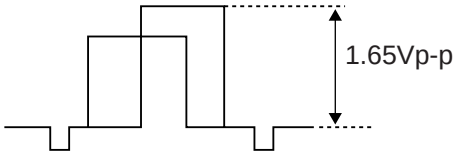
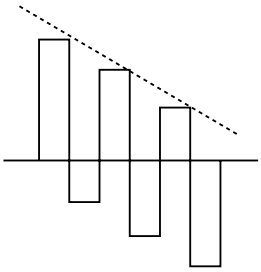
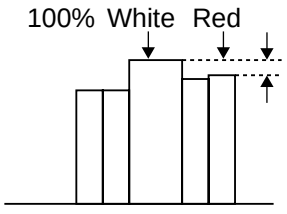
ELECTRICAL ADJUSTMENT

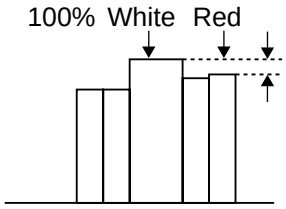
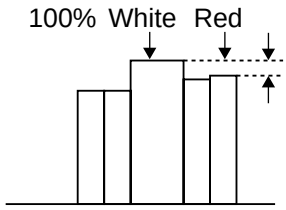
Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (make sure the lamp lights up) and warm up the unit for 15 minutes.	● Make the following settings: Press S5001 to call up the process mode and execute S2 in the SSS menu. Now the system, with the PC board not included, is initialized. Do not execute S1 because otherwise the PC board will be initialized. To adjust the PC board, follow the instruction in "Adjusting the PC board". (See page 28)
2	**R drive**	1. Make the following choice. Group : A/D Subject : GAIN Make sure the GAIN value is 163. 2. Make the following choice: Group : OUTPUT 2 Subject : BRIGHT Reduce the brightness level by 4 points. 3. Feed the 100% red-only signal. Make the following choice. Group : A/D Subject : R-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
3	**B drive**	1. Feed the 100% blue-only signal. Make the following choice. Group : A/D Subject : B-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
4	**G drive**	1. Feed the 100% green-only signal. Make the following choice. Group : A/D Subject : G-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).

No.	Adjusting point	Adjusting conditions	Adjusting procedure
5	**RGB 1 system black level signal amplitude (odd-numbered)**	1. Make the following choice: Group : OUTPUT 1 Subject : R1-BLK R1-GAIN For green, choose the subjects G1-BLK and G1-GAIN. For blue, choose the subjects B1-BLK and B1-GAIN. 2. Connect the oscilloscope to TP1101 for red. TP1201 for green TP1301 for blue	● Choose the subject R1-GAIN and adjust the signal amplitude to 3.6 ±0.1 Vp-p using the control switches or the remote controller buttons. ● Next,choose the subject R1-BLK and adjust the black peak level to 2.4 ±0.1V DC.  ● Adjust the signal's amplitude and maximum black level to 3.3 ± 0.1Vp-p and 2.6 ± 0.1V DC, respectively, for green and blue. ● Make sure the BLK DATA is more than 100.
6	**P SIGNAL**	1. Connect the oscilloscope to TP1102 for red. TP1202 for green TP1302 for blue. 2. Make the following choice: Group : OUTPUT 2 Subject : R2-GAIN	● Using the control switches or the remote controller buttons, adjust the waveform become as follows. ● Make sure the waveform of the green and blue are same as red. 
7	**Sample-and-hold pulse phase** **RCK-PHASE** **GCK-PHASE** **BCK-PHASE**	1. Feed the XGA mode 75-Hz black signal. 2. Make the following choice: Group : OUTPUT 3 Subject : SH-PHASE (Have the standard level at 8.) Fix the R-, G- and B-PHASE settings all to 8.	● Using the control switches or the remote controller buttons, make sure that the “OUTPUT 3” characters are not blurry and there is no ghost image. If such blur or ghost occurs, finely adjust the setting in the range of 7~9.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
8	**RGB counter-voltage adjustment**	1. Feed the black-and-red (25%) stripe signal (S-VGA). 2. Make the following choice: Group : OUTPUT 3 Subject : RC (R)	● Using the control switches or the remote controller buttons, adjust the data in order to minimize the flicker. ● Make the same adjustment for BC (B) and GC (G). ● See if the image is equally adjusted at the center and both sides of the screen. If not, readjust the setting to have the image equal at right and left.
9	**RGB gradation regeneration adjustment**	1. Feed the green-only SMPTE pattern signal. Group : OUTPUT 1 Subject : G1-BLK	● Adjust the G-GAIN data until the gradation of the portion ① (95% and 100% white) shown below can be slightly recognized. Make sure also that the gradation of the portion ② (0% and 5% black) is visible. 
10	**RGB white balance**	1. Feed the 32-step gray scale signal (S-VGA). Group : OUTPUT 1 Subject : R1-BLK (R) B1-BLK (B)	● Choose the subjects R1-BLK and B1-BLK and adjust the black balance of the gradation.
11	**Horizontal center**	1. Feed the NTSC mono-scope pattern signal. 2. Group : VIDEO 2 Subject : N358-DLY (4) N443-DLY (0) PAL-DLY (0) SECAM-DLY (0) Make sure the settings are as above. 3. Group : VIDEO 1 Subject : NTSC-H	● Using the control switches or the remote controller buttons, adjust the data to have the same overscan.
12	**Video picture adjustment**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : PICTURE 2. Connect the oscilloscope between pin (2) of P801 and GND.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 2.2 ±0.02 Vp-p. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
13	**Video AGC**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : AGC 2. Connect the oscilloscope between pin (2) of P801 and GND.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 1.65 ±0.02 Vp-p. 
14	**Video brightness adjustment**	1. Feed the baseband (split colour bar) signal. (The ON-AIR signal is not accepted because of its too much noise.) Group : VIDEO 1 Subject : BRIGHT 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	● Using the control switches or the remote controller buttons, adjust the setting until the black signal becomes bit-less and set to -2 point of value.
15	**Tint**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : TINT 2. Connect the oscilloscope to pin (5) of P801.	● Using the control switches or the remote controller buttons, adjust the data to have the -(B-Y) wave-form downhill straight. 
16	**NTSC colour saturation level**	1. Feed the split colour bar signal. Group : VIDEO 1 Subject : N-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.28 ±0.02 Vp-p. (same as 100% white) 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
17	**PAL colour saturation level**	1. Feed the PAL colour bar signal. Group : VIDEO 1 Subject : P-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.28±0.02 Vp-p. 
18	**SECAM colour saturation level**	1. Feed the SECAM colour bar signal. Group : VIDEO 1 Subject : S-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the data to have a level difference of 0.28 ±0.02 Vp-p between the 100% white portion and the red portion. 
19	**Video white balance**	1. Feed the NTSC monoscope pattern signal Group : VIDEO 2 Subject : R1-GAIN B1-GAIN	● Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colourless.
20	**Colour system performance check**	1. Receive the colour bar signal.	● In the process mode and select L1. Check the colour and tint.
21	**Video system performance check**	1. Receive the monoscope pattern signal.	● In the process mode and select L2. Check the picture, brightness and sharpness.
22	**Audio system performance check**		● In the process mode nad select L3. Check the bass, treble.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
23	**RGB performance check**	1. Receive the RGB signal.	● In the process mode and select L4. Check the picture, brightness, red, blue, clock, phase, horizontal position, and vertical position.
24	**Off-timer performance check**		● In the process mode and select OFF. Make sure that the off-timer starts with “5” (minutes), counts down each minute in 1 second, and turns off the set at “0”.
25	**Thermistor performance check**	1. Heat the thermistor using a dryer.	● Make sure the “TEMP” is displayed.
26	**Factory settings**		● Make the following settings. Process adjustment: S4 → Remote controller setting: “Factory setting 4”
27	**Automatic synchronization**	1. Receive the PHASE check pattern signal.	● Call the VGA/S-VGA/XGA mode and make sure that the clock, phase, horizontal and vertical positions can be automatically adjusted.

ADJUSTING THE PC BOARD (CPCi-0029CE01/02. PC I/F Unit)

1. Initializing the EEPROM

1) Press the S5001 key to call the process mode.
2) Execute S1 on the SSS menu. (The S1 is used to initialize the PC board alone. Do not execute S2 because otherwise all the adjusted data but the PC board will be initialized.)

2. Adjusting the level settings

2-1. Oscilloscope range setting

Set the range to DC 1V/div. and 5µs/div.

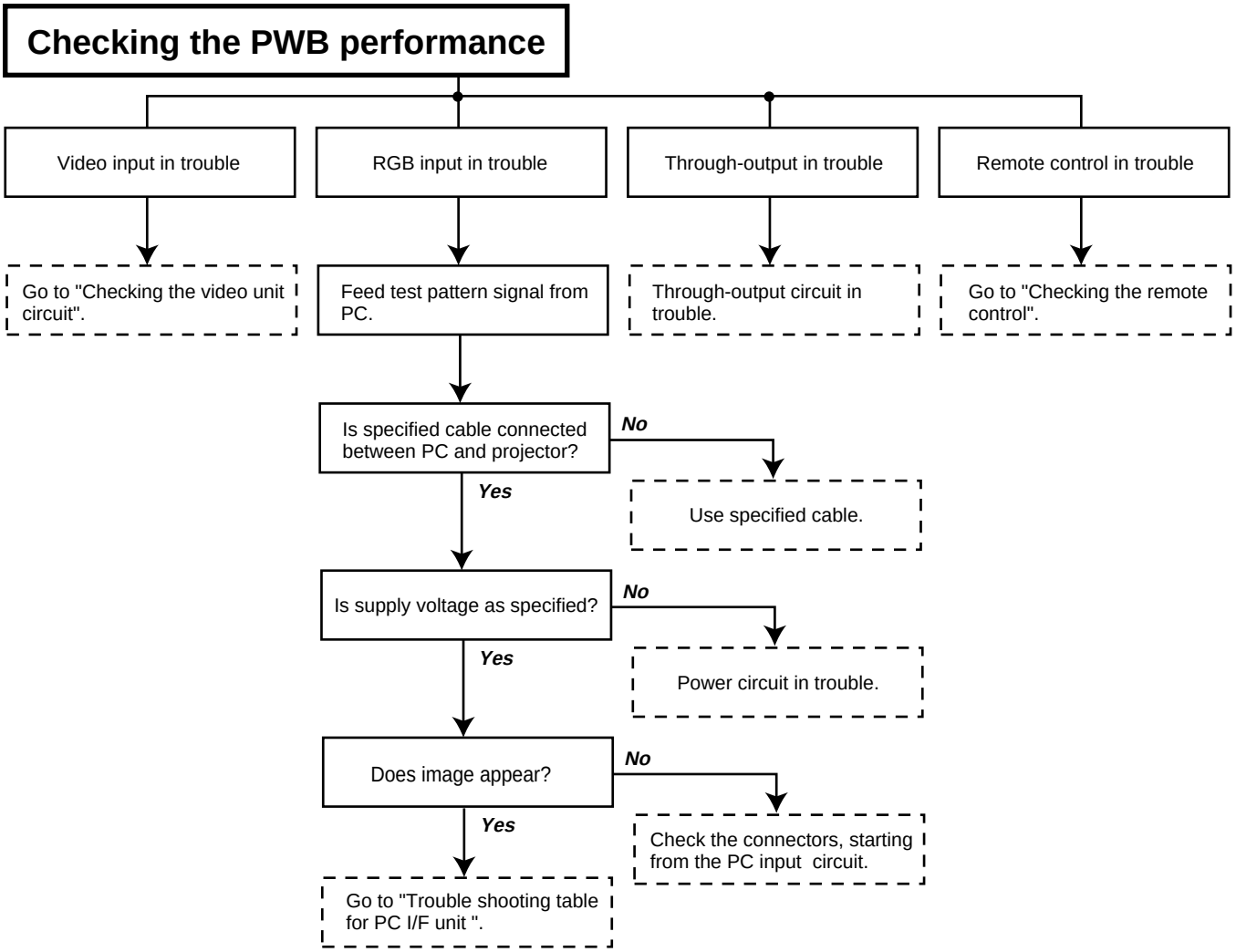
2-2. Input signal

Feed the SVGA 800x600 60Hz gradation waveform signal.

2-3. Adjusting and checking the level settings

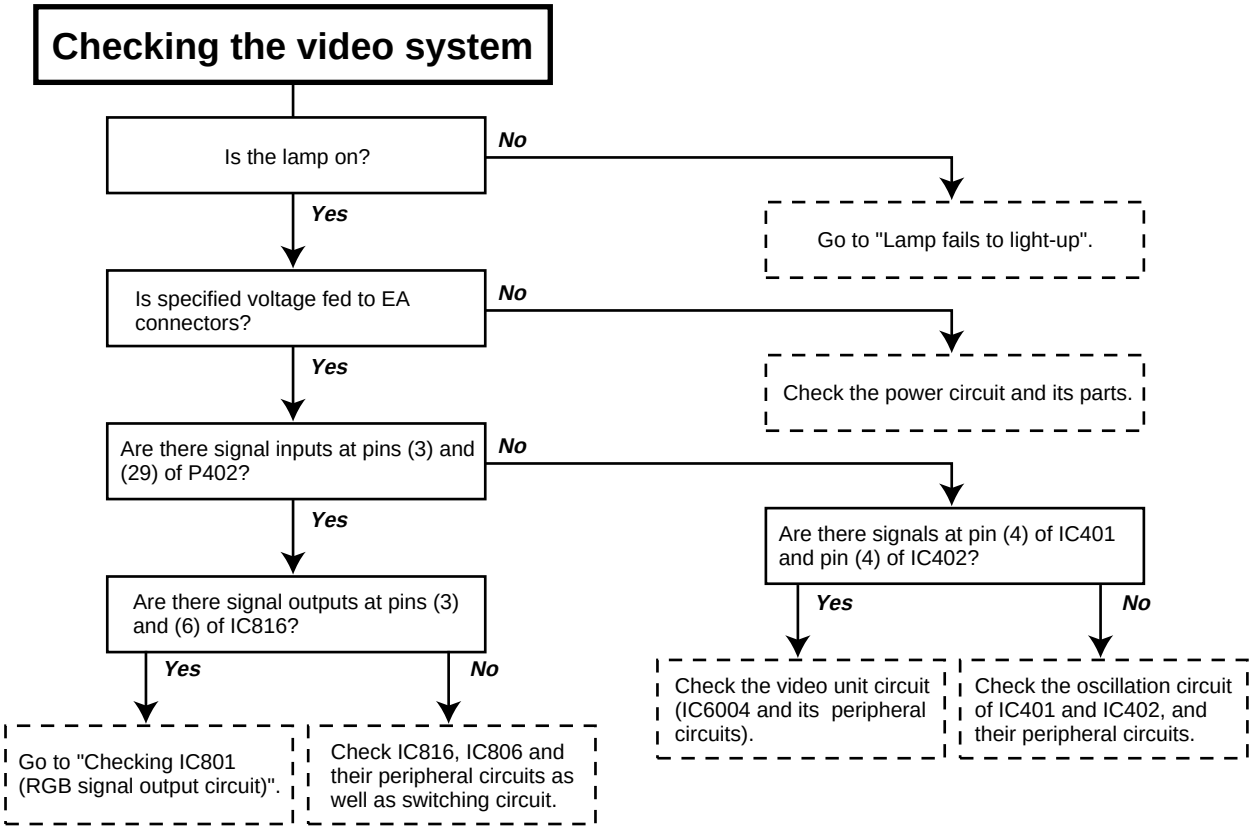
1) Press the S5001 key to call the process mode.
2) Adjust the SH-PHASE setting on the "OUTPUT 3" menu until the "OUTPUT 3" characters are not blurry any longer.
3) Connect a oscilloscope to TP2. Adjust the BRIGHT setting of "OUTPUT 2" to have the black level of the signal at 1.7V.
4) Adjust the ROS setting on the A/D menu until the voltage at the positive pole of C64 or pin (2) of IC11 becomes 1.7V.
5) Adjust the GOS setting on the A/D menu until the voltage at the positive pole of C57 or pin (2) of IC10 becomes 1.7V.
6) Adjust the BOS setting on the A/D menu until the voltage at the positive pole of C50 or pin (2) of IC9 becomes 1.7V.
7) Make sure the GAIN setting on the A/D menu is 163.
8) Connect the oscilloscope to TP1. Adjust the R-D setting on the A/D menu until the white top level of the signal becomes 3.6V. (Make sure that both the black and white graduations are visible clearly.)
9) Connect the oscilloscope to TP3. Adjust the B-D setting on the A/D menu until the white top level of the signal becomes 3.6V. (Make sure that both the black and white graduations are visible clearly.)
10) Connect the oscilloscope to TP2. Adjust the G-D setting on the A/D menu until the white top level of the signal becomes 3.6V. (Make sure that both the black and white graduations are visible clearly.)
11) Increase the brightness level of OUTPUT 2 by 10 points.
12) Press the S5001 key to exit from the process mode.

TROUBLE SHOOTING TABLE

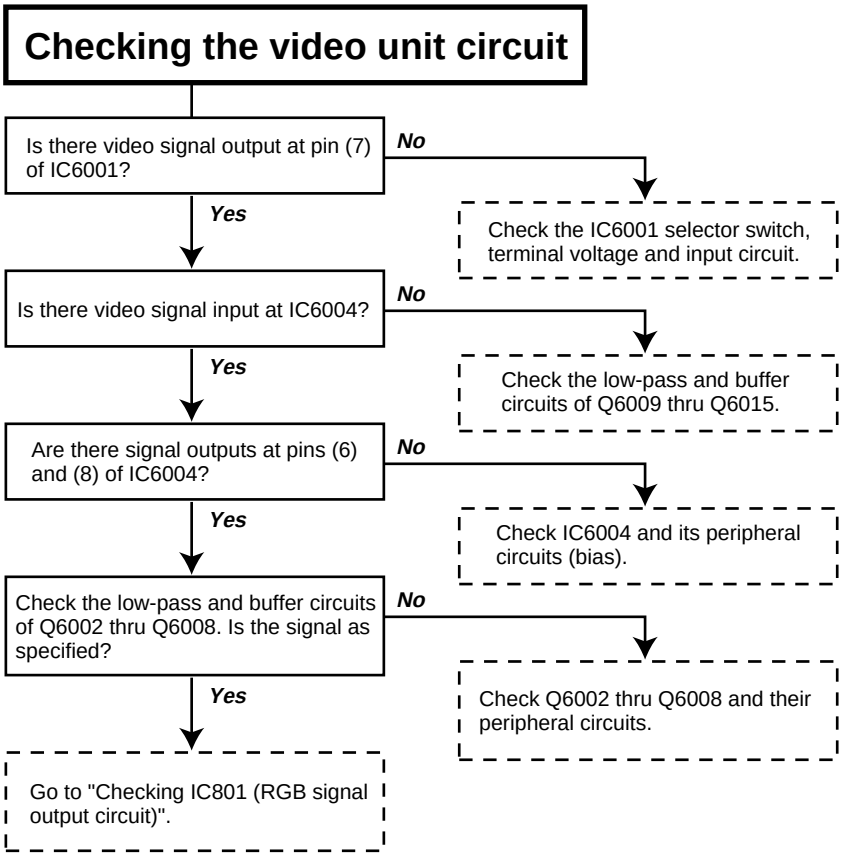

Checking the PWB performance
Video input in trouble
RGB input in trouble
Through-output in trouble
Remote control in trouble
Go to "Checking the video unit circuit".
Feed test pattern signal from PC.
Through-output circuit in trouble.
Go to "Checking the remote control".
Is specified cable connected between PC and projector?
No
Use specified cable.
Yes
Is supply voltage as specified?
No
Power circuit in trouble.
Yes
Does image appear?
No
Check the connectors, starting from the PC input circuit.
Yes
Go to "Trouble shooting table for PC I/F unit ".

TROUBLE SHOOTING TABLE (Continued)

Checking the video system

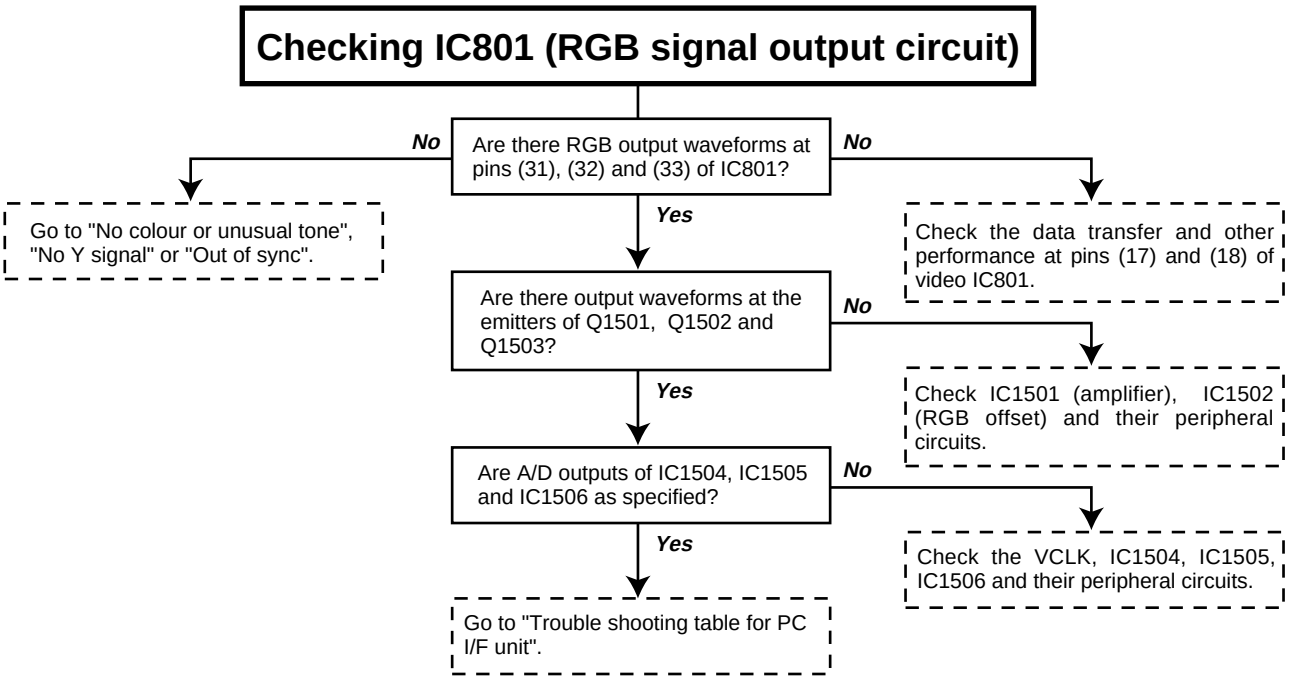

Is the lamp on?
No
Yes
Go to "Lamp fails to light-up".
Is specified voltage fed to EA connectors?
No
Yes
Check the power circuit and its parts.
Are there signal inputs at pins (3) and (29) of P402?
No
Yes
Are there signals at pin (4) of IC401 and pin (4) of IC402?
Yes
No
Are there signal outputs at pins (3) and (6) of IC816?
Yes
No
Check the video unit circuit (IC6004 and its peripheral circuits).
Check the oscillation circuit of IC401 and IC402, and their peripheral circuits.
Go to "Checking IC801 (RGB signal output circuit)".
Check IC816, IC806 and their peripheral circuits as well as switching circuit.

Checking the video unit circuit

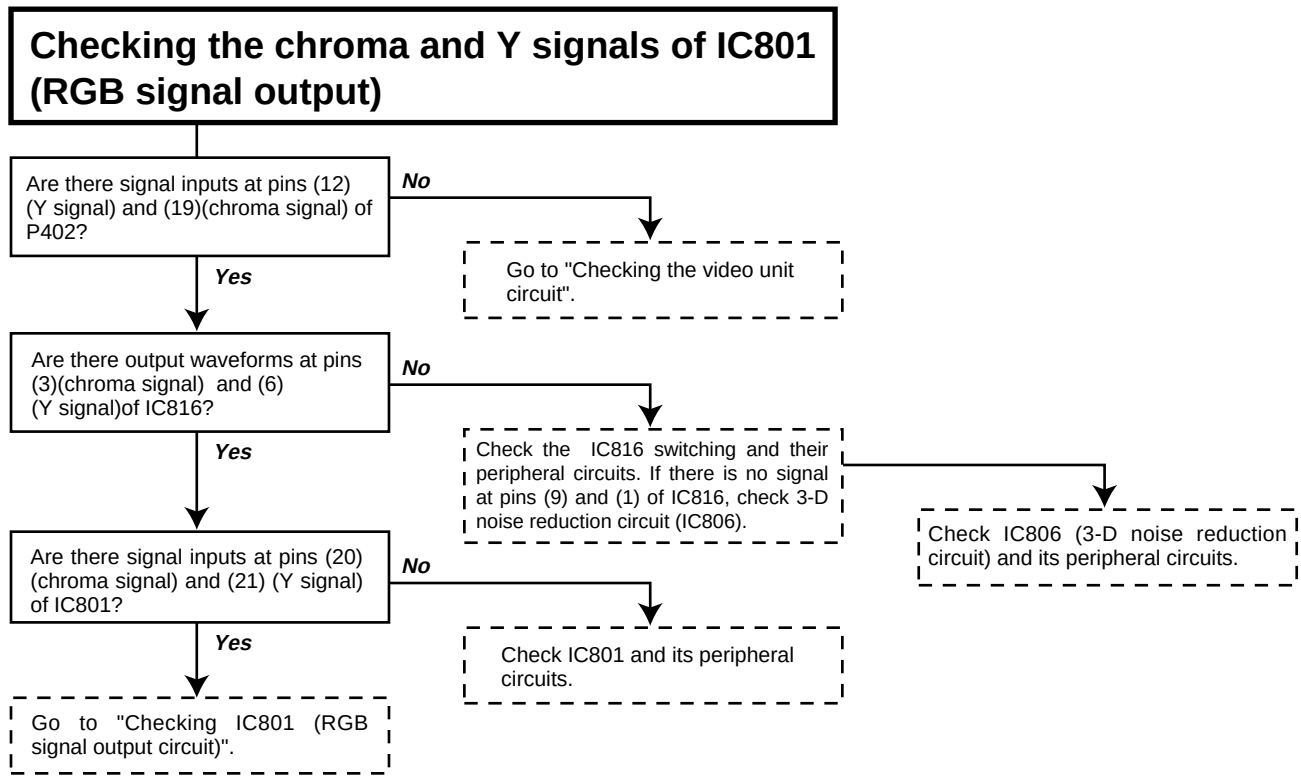

Is there video signal output at pin (7) of IC6001?
No
Yes
Check the IC6001 selector switch, terminal voltage and input circuit.
Is there video signal input at IC6004?
No
Yes
Check the low-pass and buffer circuits of Q6009 thru Q6015.
Are there signal outputs at pins (6) and (8) of IC6004?
No
Yes
Check IC6004 and its peripheral circuits (bias).
Check the low-pass and buffer circuits of Q6002 thru Q6008. Is the signal as specified?
No
Yes
Check Q6002 thru Q6008 and their peripheral circuits.
Go to "Checking IC801 (RGB signal output circuit)".

TROUBLE SHOOTING TABLE (Continued)

Checking IC801 (RGB signal output circuit)

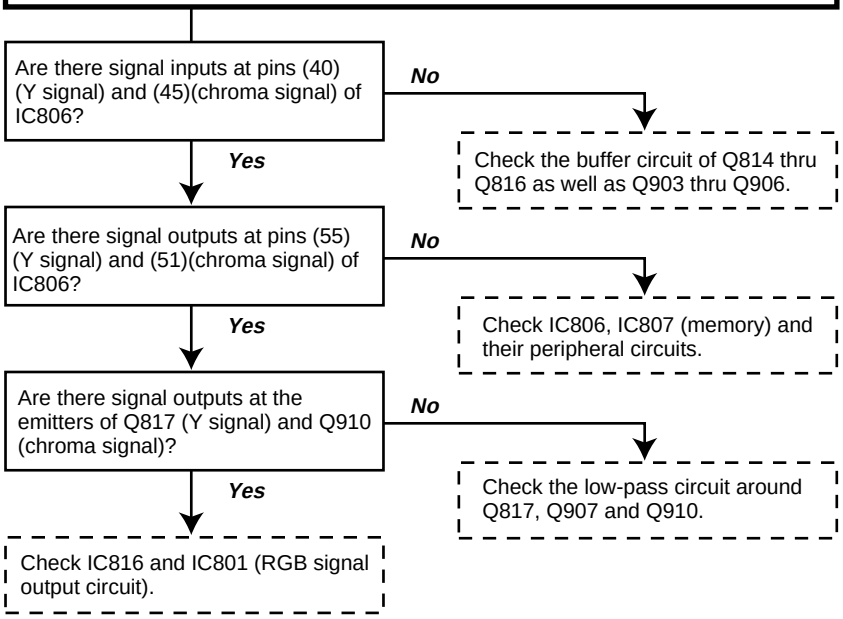

Are there RGB output waveforms at pins (31), (32) and (33) of IC801?
No
Go to "No colour or unusual tone", "No Y signal" or "Out of sync".
No
Check the data transfer and other performance at pins (17) and (18) of video IC801.
Yes
Are there output waveforms at the emitters of Q1501, Q1502 and Q1503?
No
Check IC1501 (amplifier), IC1502 (RGB offset) and their peripheral circuits.
Yes
Are A/D outputs of IC1504, IC1505 and IC1506 as specified?
No
Check the VCLK, IC1504, IC1505, IC1506 and their peripheral circuits.
Yes
Go to "Trouble shooting table for PC I/F unit".

Checking the chroma and Y signals of IC801 (RGB signal output)

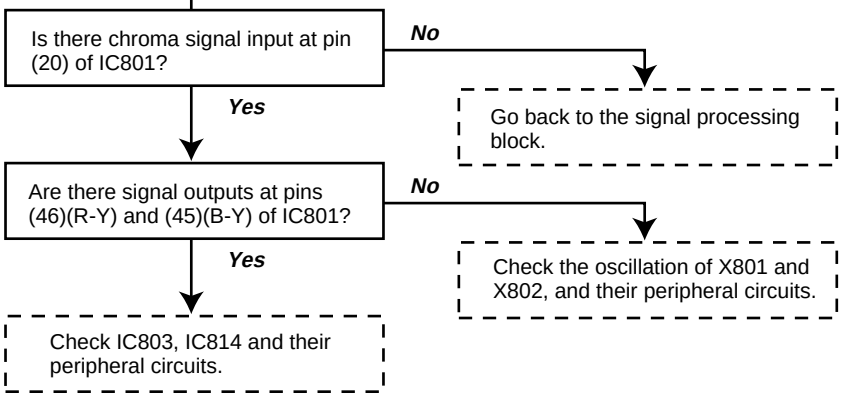

Are there signal inputs at pins (12) (Y signal) and (19)(chroma signal) of P402?
No
Go to "Checking the video unit circuit".
Yes
Are there output waveforms at pins (3)(chroma signal) and (6) (Y signal)of IC816?
No
Check the IC816 switching and their peripheral circuits. If there is no signal at pins (9) and (1) of IC816, check 3-D noise reduction circuit (IC806).
Check IC806 (3-D noise reduction circuit) and its peripheral circuits.
Yes
Are there signal inputs at pins (20) (chroma signal) and (21) (Y signal) of IC801?
No
Check IC801 and its peripheral circuits.
Yes
Go to "Checking IC801 (RGB signal output circuit)".

TROUBLE SHOOTING TABLE (Continued)

Checking IC806 (3-D noise reduction circuit) and its peripheral circuits

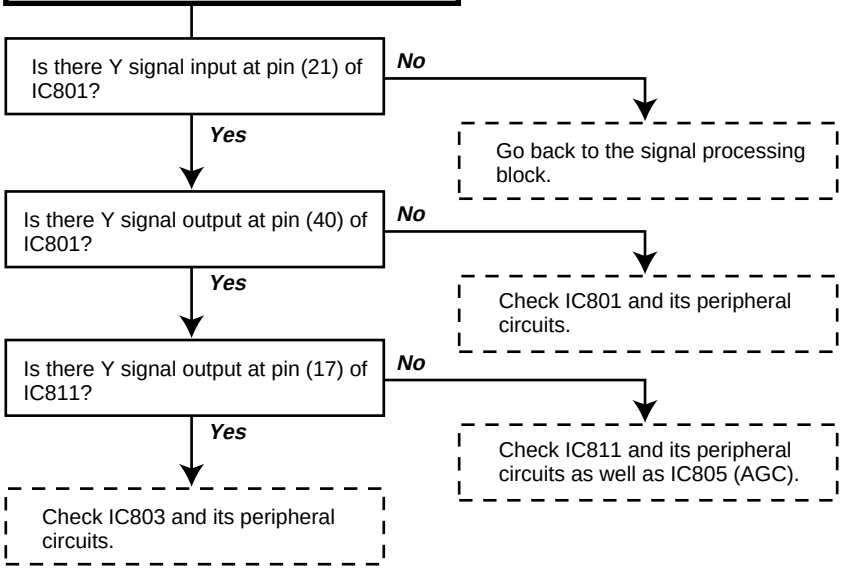

Are there signal inputs at pins (40) (Y signal) and (45)(chroma signal) of IC806?
No
Check the buffer circuit of Q814 thru Q816 as well as Q903 thru Q906.
Yes
Are there signal outputs at pins (55) (Y signal) and (51)(chroma signal) of IC806?
No
Check IC806, IC807 (memory) and their peripheral circuits.
Yes
Are there signal outputs at the emitters of Q817 (Y signal) and Q910 (chroma signal)?
No
Check the low-pass circuit around Q817, Q907 and Q910.
Yes
Check IC816 and IC801 (RGB signal output circuit).

No colour or unusual tone (NTSC, PAL)

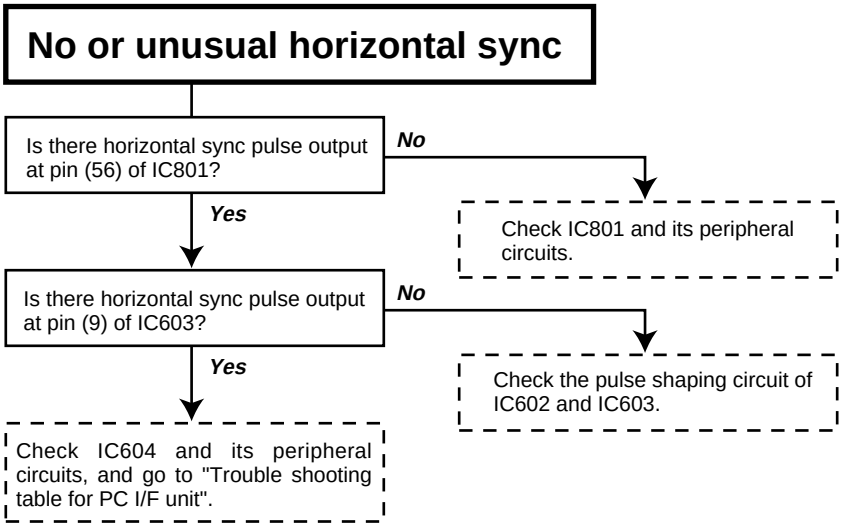

Is there chroma signal input at pin (20) of IC801?
No
Go back to the signal processing block.
Yes
Are there signal outputs at pins (46)(R-Y) and (45)(B-Y) of IC801?
No
Check the oscillation of X801 and X802, and their peripheral circuits.
Yes
Check IC803, IC814 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

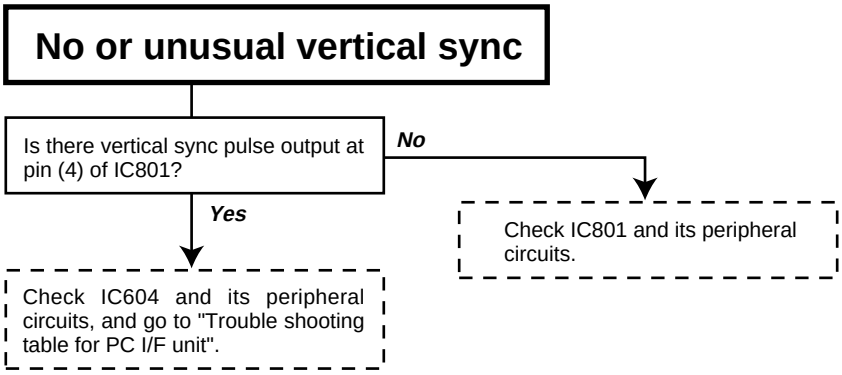
No or unusual Y signal


Is there Y signal input at pin (21) of IC801?
No
Yes
Go back to the signal processing block.
Is there Y signal output at pin (40) of IC801?
No
Yes
Check IC801 and its peripheral circuits.
Is there Y signal output at pin (17) of IC811?
No
Yes
Check IC811 and its peripheral circuits as well as IC805 (AGC).
Check IC803 and its peripheral circuits.

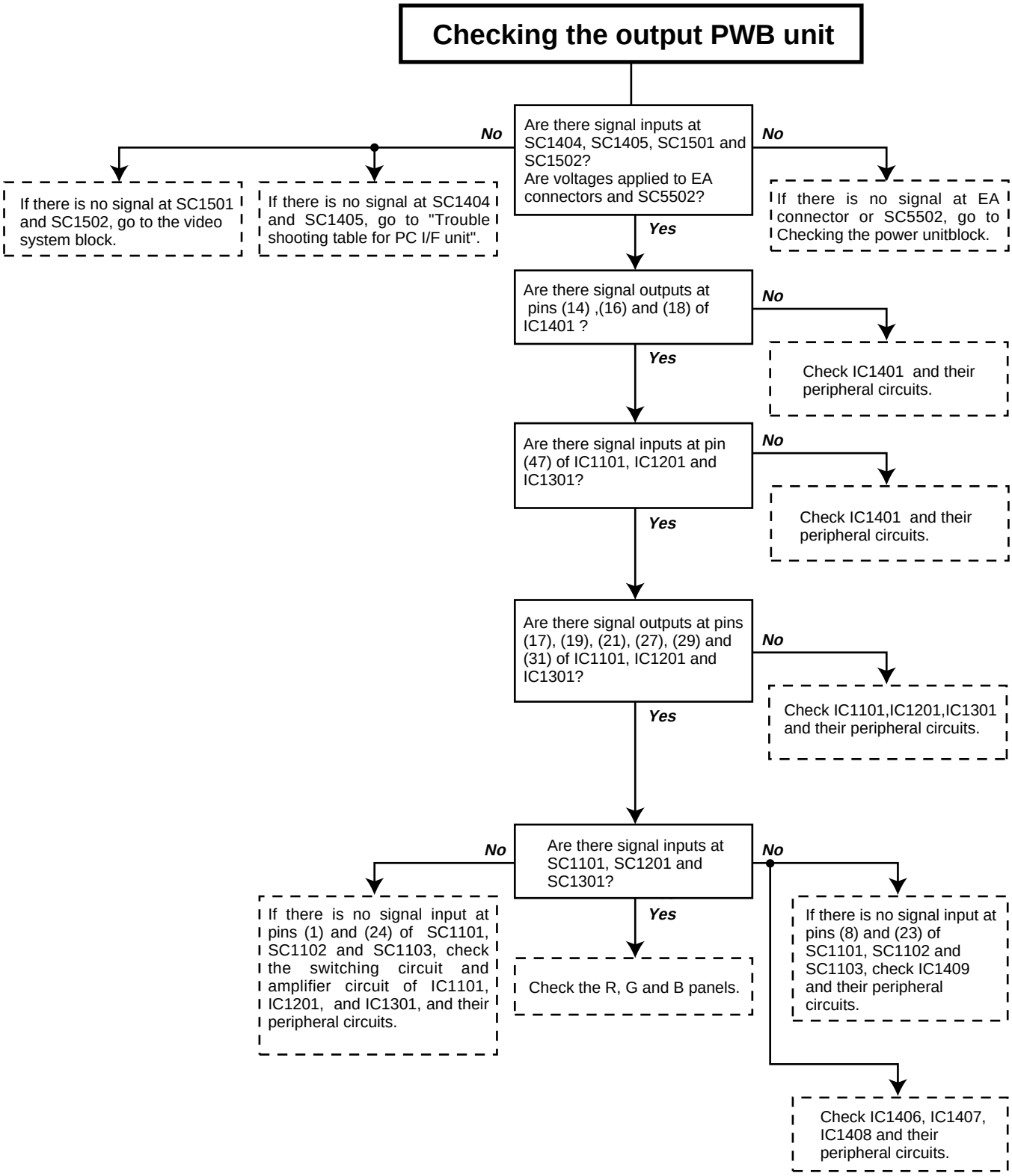
No or unusual horizontal sync


Is there horizontal sync pulse output at pin (56) of IC801?
No
Yes
Check IC801 and its peripheral circuits.
Is there horizontal sync pulse output at pin (9) of IC603?
No
Yes
Check the pulse shaping circuit of IC602 and IC603.
Check IC604 and its peripheral circuits, and go to "Trouble shooting table for PC I/F unit".

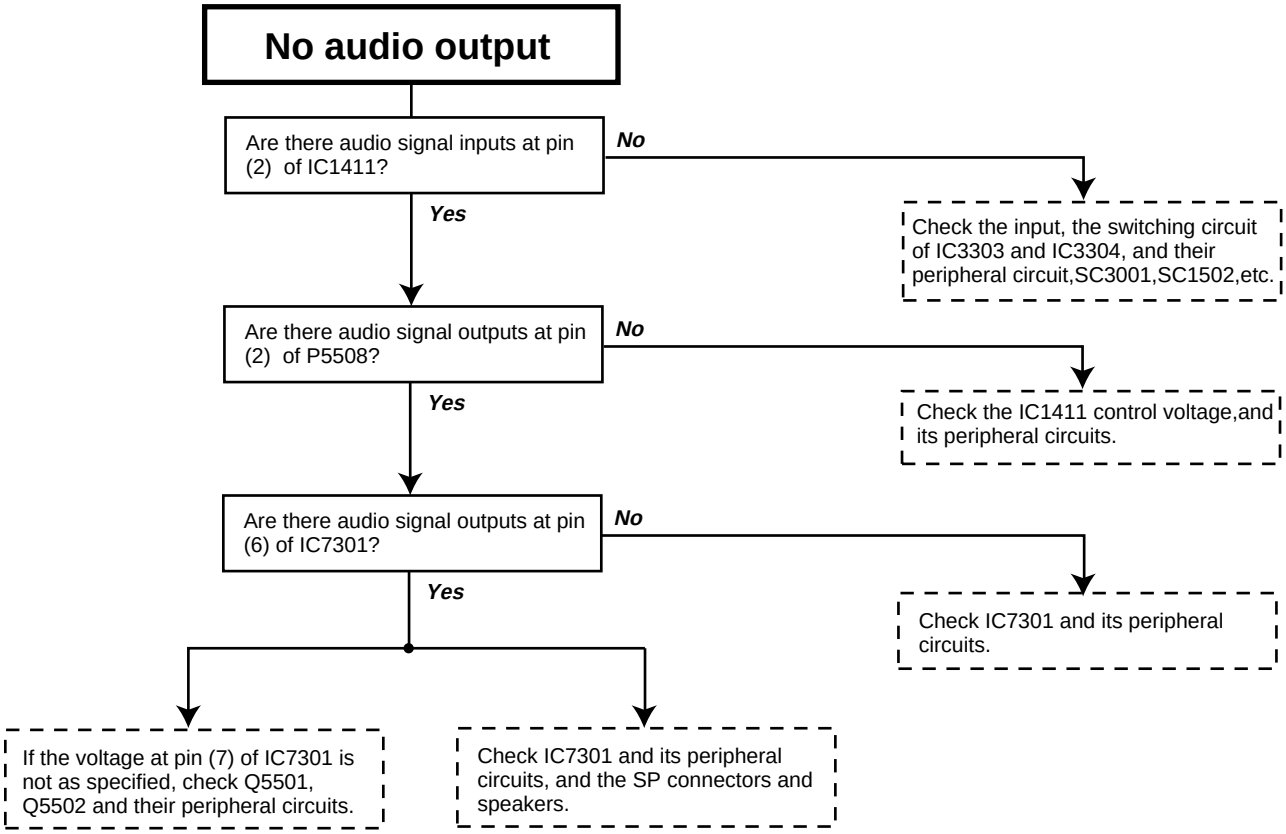
No or unusual vertical sync


Is there vertical sync pulse output at pin (4) of IC801?
No
Yes
Check IC801 and its peripheral circuits.
Check IC604 and its peripheral circuits, and go to "Trouble shooting table for PC I/F unit".

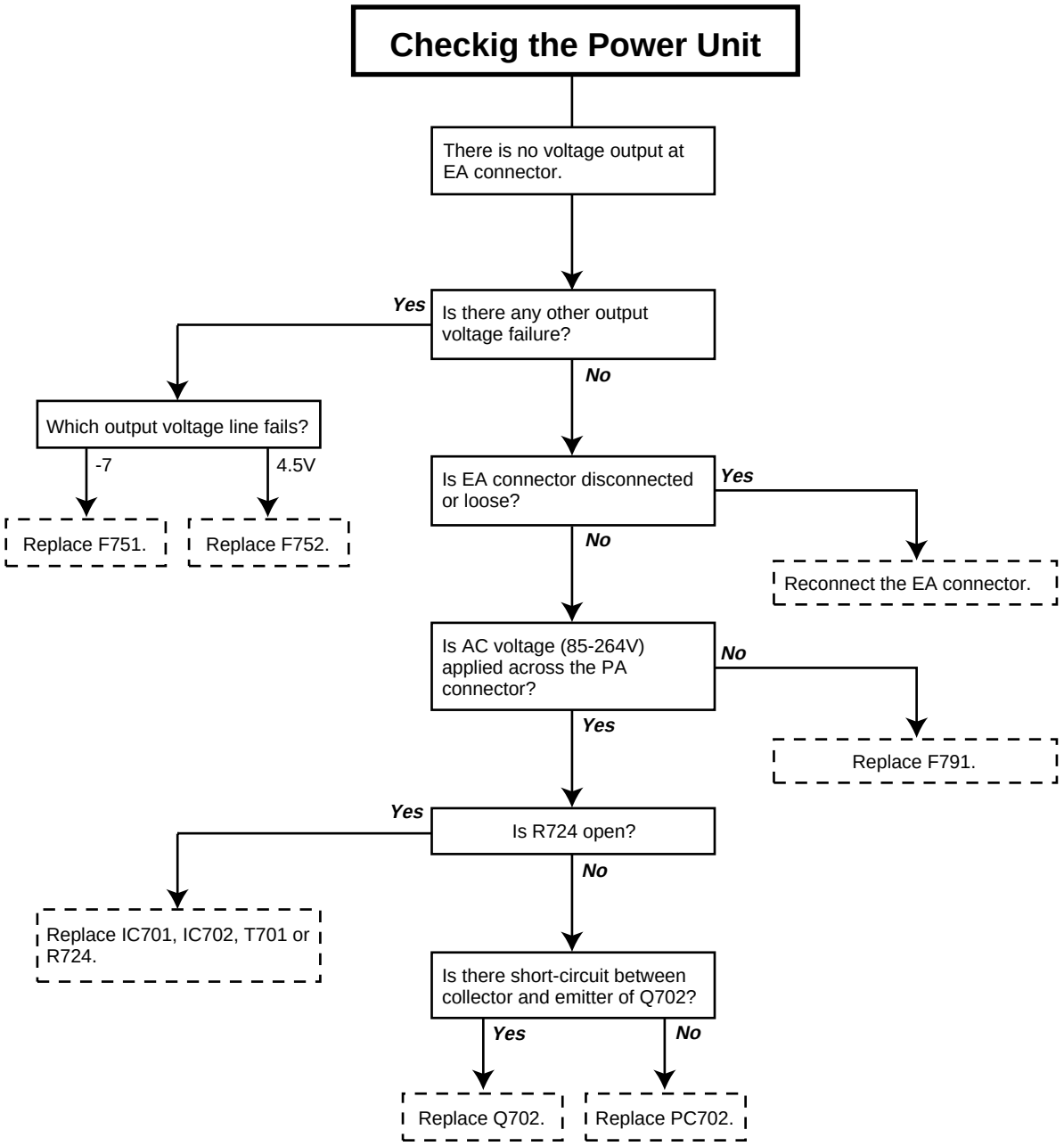
TROUBLE SHOOTING TABLE (Continued)


Checking the output PWB unit
Are there signal inputs at SC1404, SC1405, SC1501 and SC1502?
Are voltages applied to EA connectors and SC5502?
No
No
Yes
If there is no signal at SC1501 and SC1502, go to the video system block.
If there is no signal at SC1404 and SC1405, go to "Trouble shooting table for PC I/F unit".
If there is no signal at EA connector or SC5502, go to Checking the power unitblock.
Are there signal outputs at pins (14) ,(16) and (18) of IC1401 ?
No
Yes
Check IC1401 and their peripheral circuits.
Are there signal inputs at pin (47) of IC1101, IC1201 and IC1301?
No
Yes
Check IC1401 and their peripheral circuits.
Are there signal outputs at pins (17), (19), (21), (27), (29) and (31) of IC1101, IC1201 and IC1301?
No
Yes
Check IC1101,IC1201,IC1301 and their peripheral circuits.
Are there signal inputs at SC1101, SC1201 and SC1301?
No
No
Yes
If there is no signal input at pins (1) and (24) of SC1101, SC1102 and SC1103, check the switching circuit and amplifier circuit of IC1101, IC1201, and IC1301, and their peripheral circuits.
Check the R, G and B panels.
If there is no signal input at pins (8) and (23) of SC1101, SC1102 and SC1103, check IC1409 and their peripheral circuits.
Check IC1406, IC1407, IC1408 and their peripheral circuits.

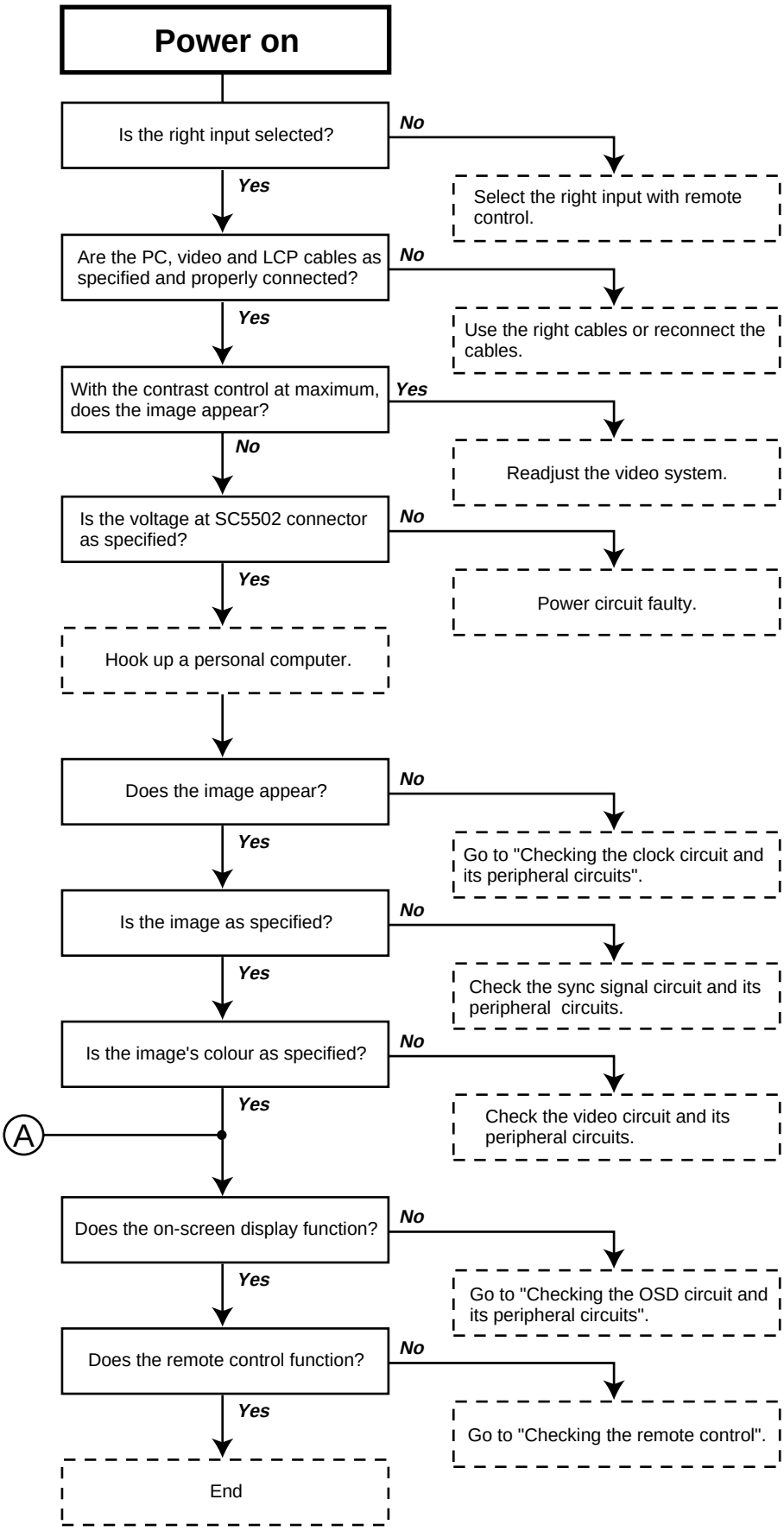
TROUBLE SHOOTING TABLE (Continued)


No audio output
Are there audio signal inputs at pin (2) of IC1411?
No
Yes
Check the input, the switching circuit of IC3303 and IC3304, and their peripheral circuit,SC3001,SC1502,etc.
Are there audio signal outputs at pin (2) of P5508?
No
Yes
Check the IC1411 control voltage,and its peripheral circuits.
Are there audio signal outputs at pin (6) of IC7301?
No
Yes
Check IC7301 and its peripheral circuits.
If the voltage at pin (7) of IC7301 is not as specified, check Q5501, Q5502 and their peripheral circuits.
Check IC7301 and its peripheral circuits, and the SP connectors and speakers.

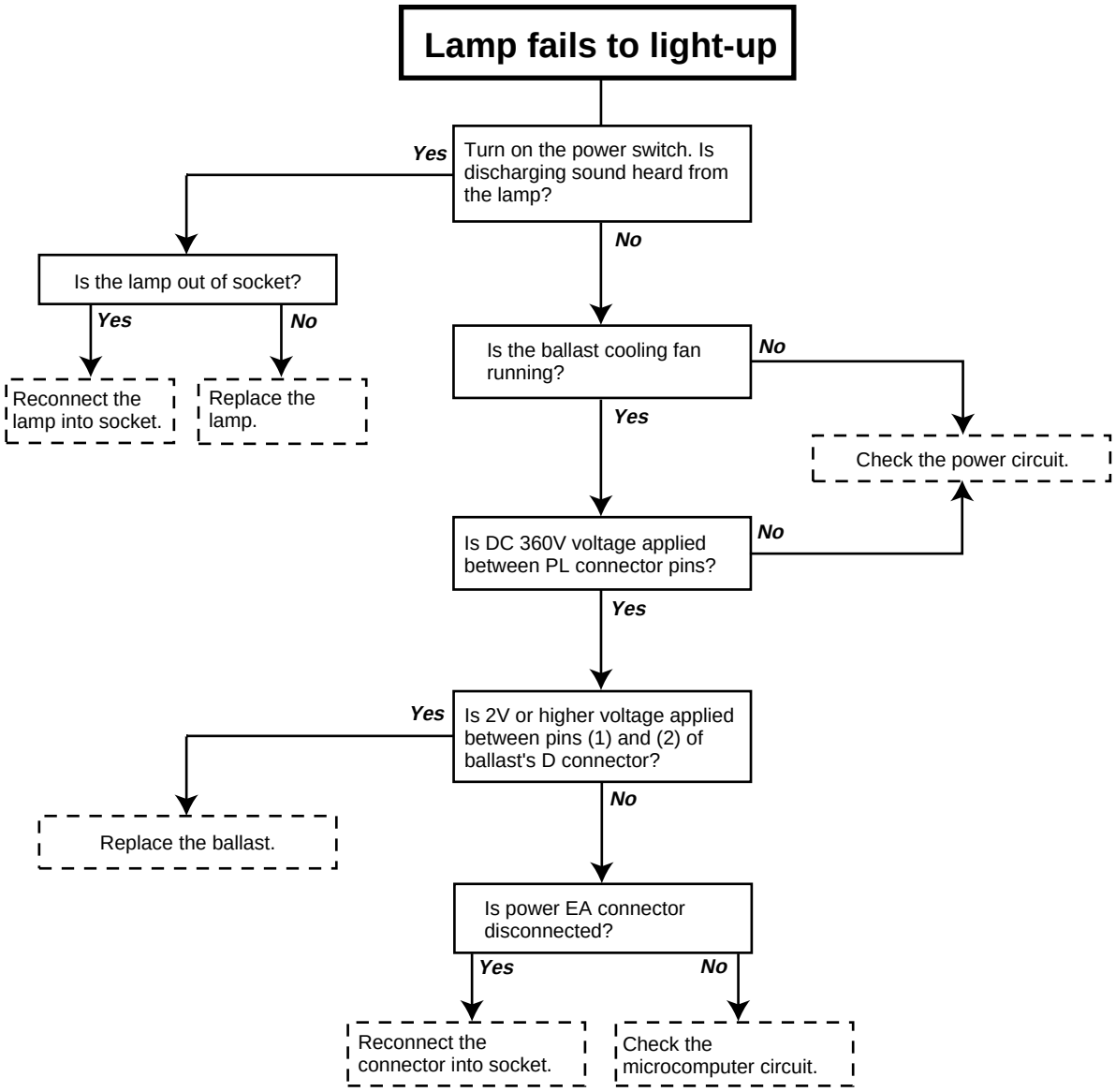
TROUBLE SHOOTING TABLE (Continued)



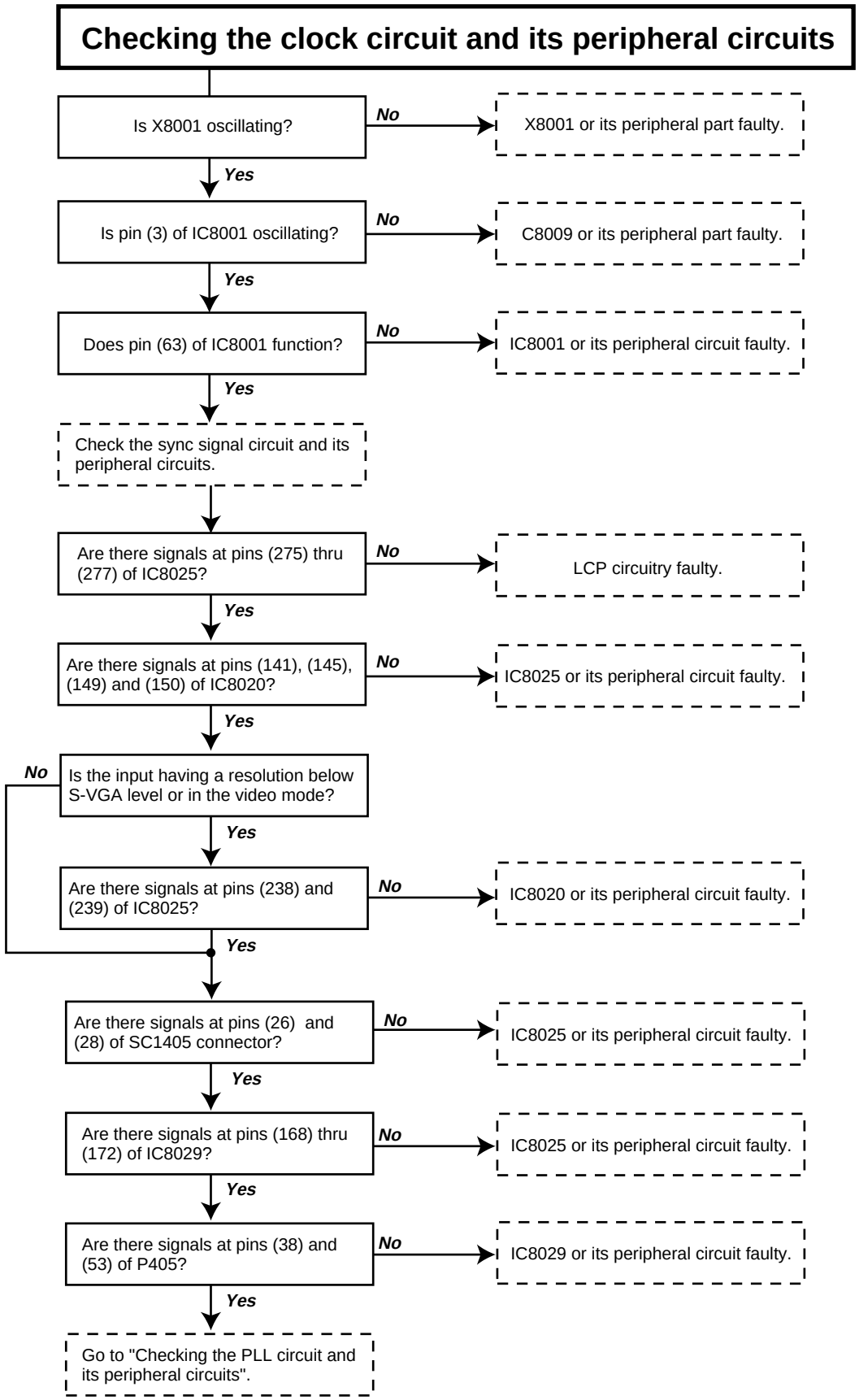
TROUBLE SHOOTING TABLE (Continued)



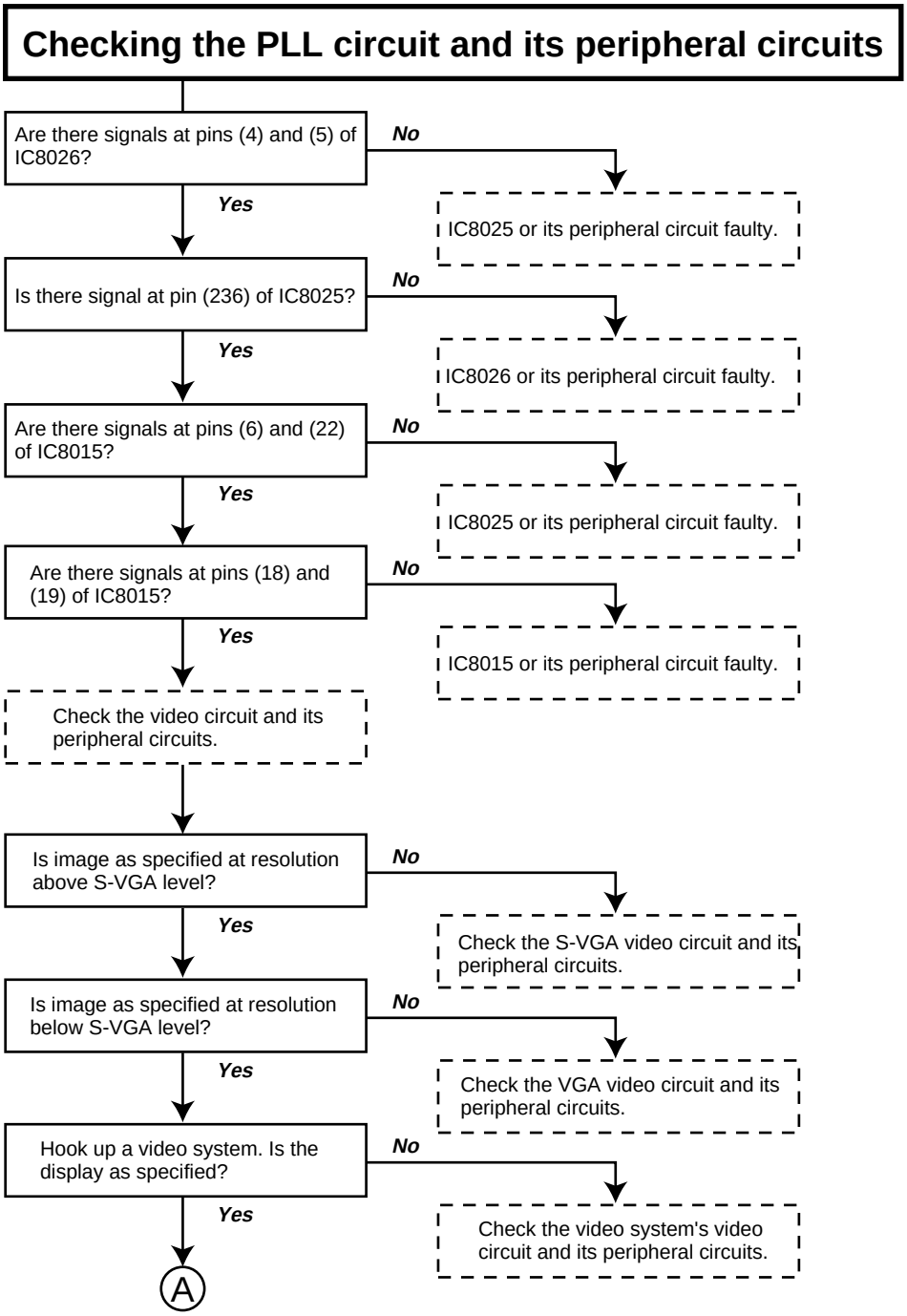
TROUBLE SHOOTING TABLE (Continued)



TROUBLE SHOOTING TABLE FOR PC I/F UNIT-1


Checking the clock circuit and its peripheral circuits
Is X8001 oscillating?
No
X8001 or its peripheral part faulty.
Yes
Is pin (3) of IC8001 oscillating?
No
C8009 or its peripheral part faulty.
Yes
Does pin (63) of IC8001 function?
No
IC8001 or its peripheral circuit faulty.
Yes
Check the sync signal circuit and its peripheral circuits.
Are there signals at pins (275) thru (277) of IC8025?
No
LCP circuitry faulty.
Yes
Are there signals at pins (141), (145), (149) and (150) of IC8020?
No
IC8025 or its peripheral circuit faulty.
Yes
No
Is the input having a resolution below S-VGA level or in the video mode?
Yes
Are there signals at pins (238) and (239) of IC8025?
No
IC8020 or its peripheral circuit faulty.
Yes
Are there signals at pins (26) and (28) of SC1405 connector?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (168) thru (172) of IC8029?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (38) and (53) of P405?
No
IC8029 or its peripheral circuit faulty.
Yes
Go to "Checking the PLL circuit and its peripheral circuits".

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-2


Checking the PLL circuit and its peripheral circuits
Are there signals at pins (4) and (5) of IC8026?
No
IC8025 or its peripheral circuit faulty.
Yes
Is there signal at pin (236) of IC8025?
No
IC8026 or its peripheral circuit faulty.
Yes
Are there signals at pins (6) and (22) of IC8015?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (18) and (19) of IC8015?
No
IC8015 or its peripheral circuit faulty.
Yes
Check the video circuit and its peripheral circuits.
Is image as specified at resolution above S-VGA level?
No
Check the S-VGA video circuit and its peripheral circuits.
Yes
Is image as specified at resolution below S-VGA level?
No
Check the VGA video circuit and its peripheral circuits.
Yes
Hook up a video system. Is the display as specified?
No
Check the video system's video circuit and its peripheral circuits.
Yes
A

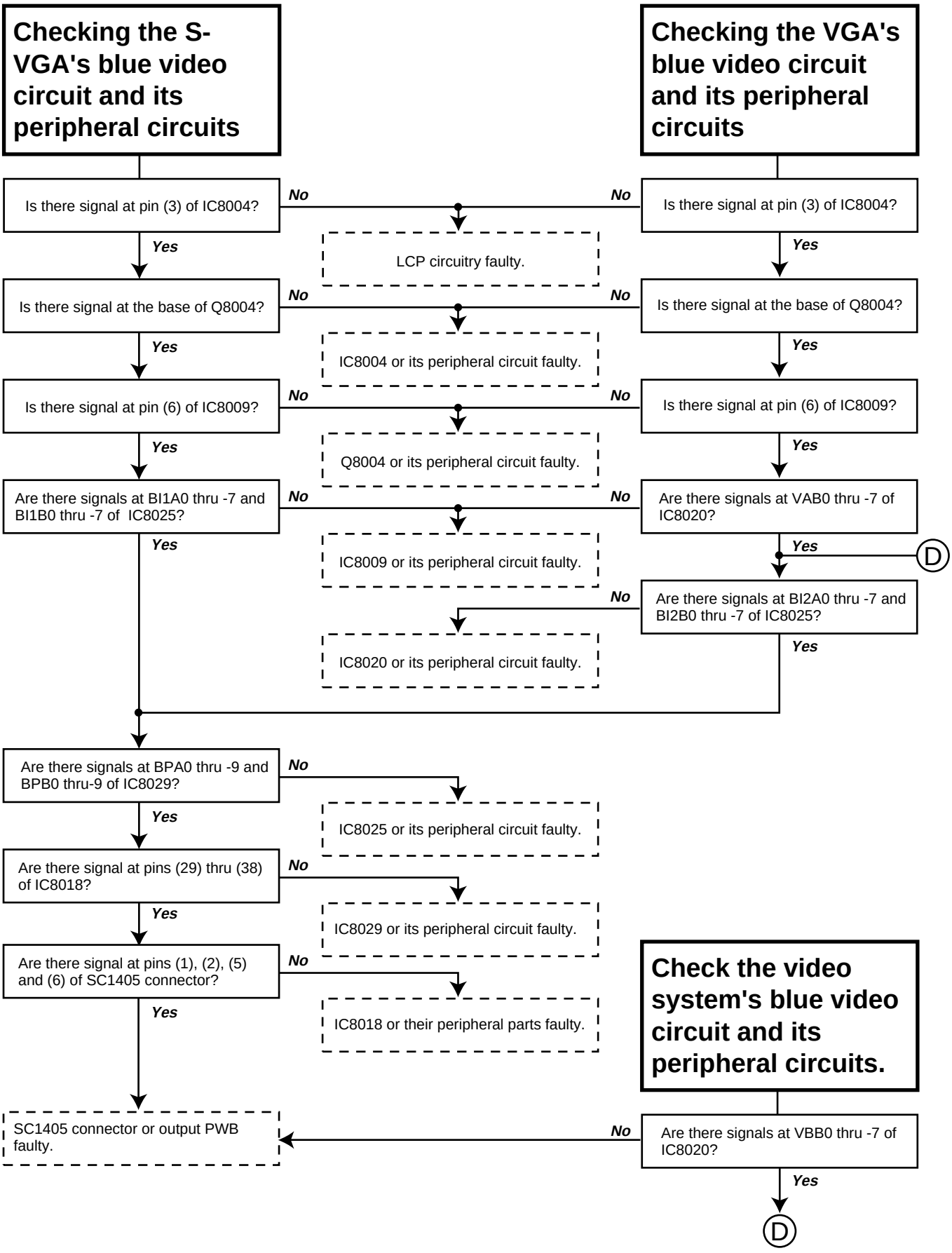
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-3

Checking the S-VGA's red video circuit and its peripheral circuits
Is there signal at pin (13) of IC8004?
No
LCP circuitry faulty.
Yes
Is there signal at the base of Q8008?
No
IC8004 or its peripheral circuit faulty.
Yes
Is there signal at pin (6) of IC8011
No
Q8008 or its peripheral circuit faulty.
Yes
Are there signals at RI1A0 thru -7 and RI1B0 thru -7 of IC8025?
No
IC8011 or its peripheral circuit faulty.
Yes
Are there signals at RPA0 thru-9 and RPB0 thru-9 of IC8029?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (5) thru (14) of IC8018?
No
IC8029 or its peripheral circuit faulty.
Yes
Are there signals at pins(17), (18), (21) and (22)of SC1405 connector?
No
IC8018 or their peripheral parts faulty.
Yes
SC1405 connector or output PWB faulty.
Checking the VGA's red video circuit and its peripheral circuits
Is there signal at pin (13) of IC8004?
No
Yes
Is there signal at the base of Q8008?
No
Yes
Is there signal at pin (6) of IC8011?
No
Yes
Are there signals at VAR0 thru -7 of IC8020?
No
Yes
B
Are there signals at RI2A0 thru -7 and RI2B0 thru -7 of IC8025?
No
IC8020 or its peripheral circuit faulty.
Yes
Check the video system's red video circuit and its peripheral circuits
Are there signals at VBR0 thru -7 of IC8020?
No
Yes
B

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-4

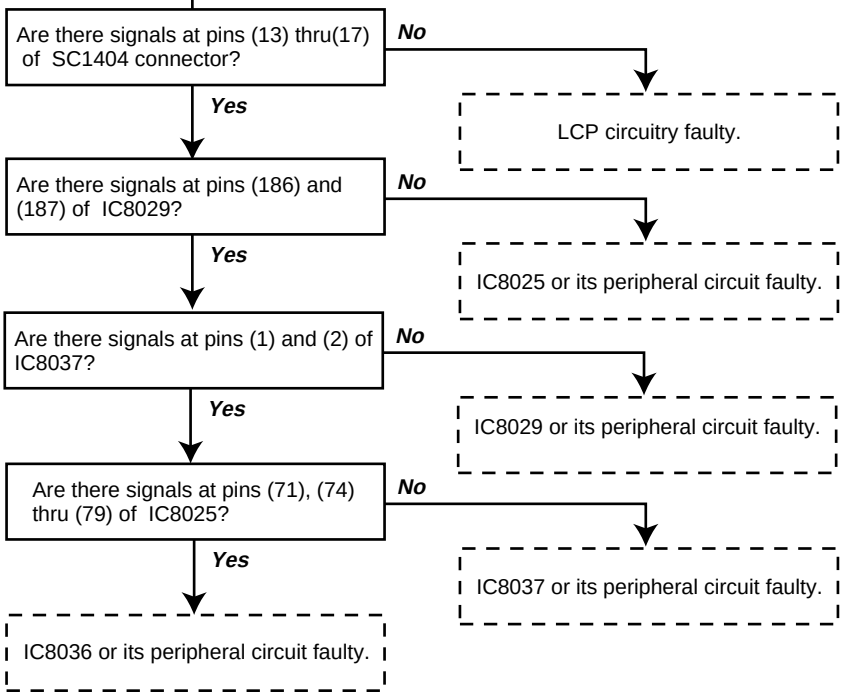
Checking the S-VGA's green video circuit and its peripheral circuits
Is there signal at pin (8) of IC8004?
No
Yes
LCP circuitry faulty.
Is there signal at the base of Q8006?
No
Yes
IC8004 or its peripheral circuit faulty.
Is there signal at pin (6) of IC8010?
No
Yes
Q8006 or its peripheral circuit faulty.
Are there signals at GI1A0 thru -7 and GI1B0 thru -7 of IC8025?
No
Yes
IC8010 or its peripheral circuit faulty.
Are there signals at GPA0 thru-9 and GPB0 thru-9 of IC8029?
No
Yes
IC8025 or its peripheral circuit faulty.
Are there signals at pins (18) thru (27) of IC8018?
No
Yes
IC8029 or their perpheral parts faulty.
Are there signals at pins (9), (10), (13) and (14) of SC1405 connector?
No
Yes
IC8018 or their peripheral parts faulty.
SC1405 connector or output PWB faulty.
Checking the VGA's green video circuit and its peripheral circuits
Is there signal at pin (8) of IC8004?
No
Yes
Is there signal at the base of Q8006?
No
Yes
Is there signal at pin (6) of IC8010?
No
Yes
Are there signals at VAR0 thru -7 of IC8020?
No
Yes
C
Are there signals at GI2A0 thru -7 and GI2B0 thru -7 of IC8025?
No
Yes
IC8020 or its peripheral circuit faulty.
Check the video system's green video circuit and its peripheral circuits
Are there signals at VBG0 thru -7 of IC8020?
No
Yes
C

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-5

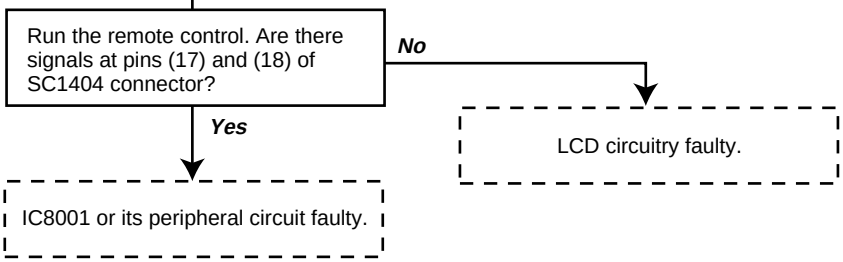

Checking the S-VGA's blue video circuit and its peripheral circuits
Is there signal at pin (3) of IC8004?
No
LCP circuitry faulty.
Yes
Is there signal at the base of Q8004?
No
IC8004 or its peripheral circuit faulty.
Yes
Is there signal at pin (6) of IC8009?
No
Q8004 or its peripheral circuit faulty.
Yes
Are there signals at BI1A0 thru -7 and BI1B0 thru -7 of IC8025?
No
IC8009 or its peripheral circuit faulty.
Yes
Are there signals at BPA0 thru -9 and BPB0 thru-9 of IC8029?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signal at pins (29) thru (38) of IC8018?
No
IC8029 or its peripheral circuit faulty.
Yes
Are there signal at pins (1), (2), (5) and (6) of SC1405 connector?
No
IC8018 or their peripheral parts faulty.
Yes
SC1405 connector or output PWB faulty.
Checking the VGA's blue video circuit and its peripheral circuits
Is there signal at pin (3) of IC8004?
No
Yes
Is there signal at the base of Q8004?
No
Yes
Is there signal at pin (6) of IC8009?
No
Yes
Are there signals at VAB0 thru -7 of IC8020?
No
Yes
D
Are there signals at BI2A0 thru -7 and BI2B0 thru -7 of IC8025?
No
IC8020 or its peripheral circuit faulty.
Yes
Check the video system's blue video circuit and its peripheral circuits.
Are there signals at VBB0 thru -7 of IC8020?
No
Yes
D

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-6

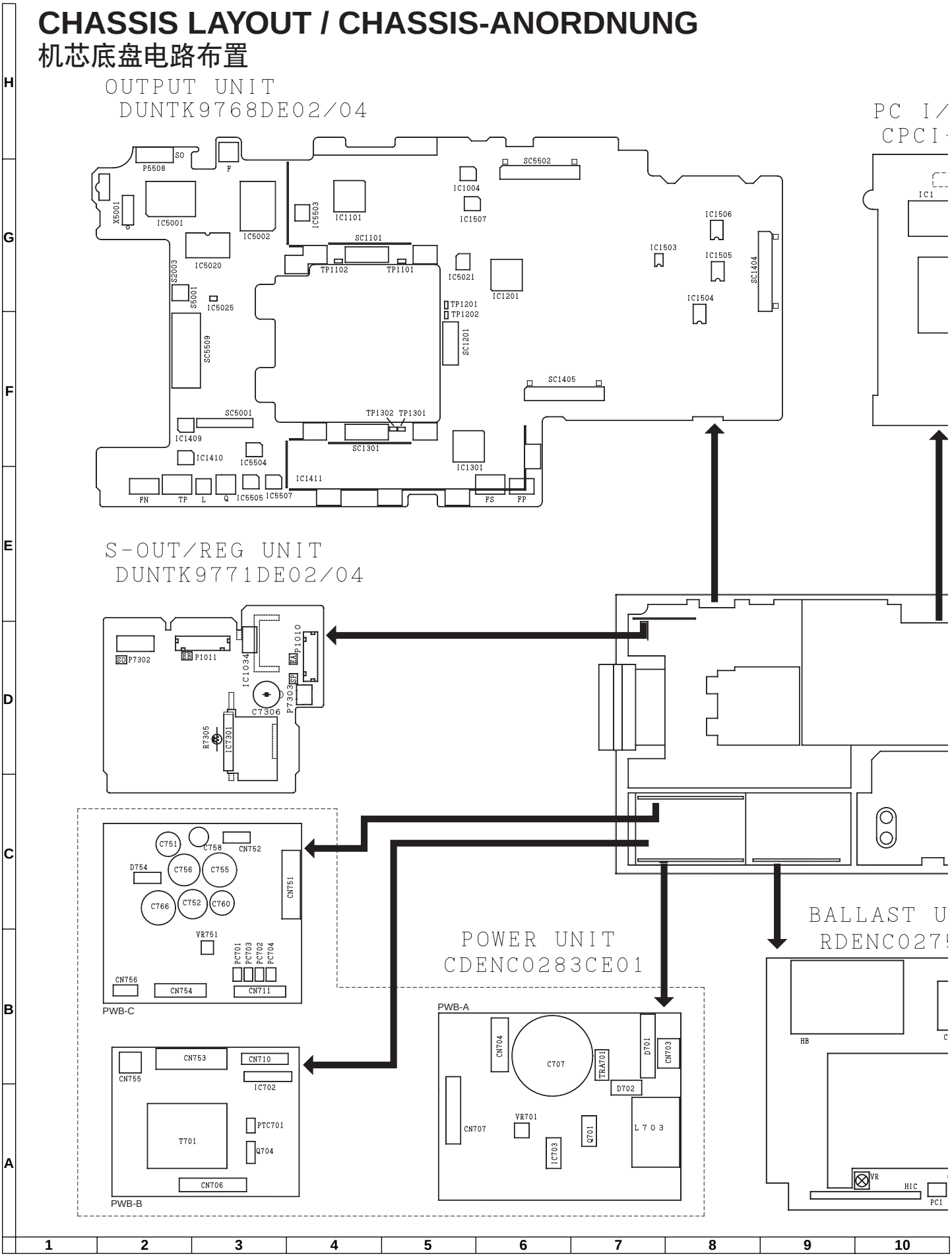
Checking the OSD circuit and its peripheral circuits


Are there signals at pins (13) thru(17) of SC1404 connector?
No
LCP circuitry faulty.
Yes
Are there signals at pins (186) and (187) of IC8029?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (1) and (2) of IC8037?
No
IC8029 or its peripheral circuit faulty.
Yes
Are there signals at pins (71), (74) thru (79) of IC8025?
No
IC8037 or its peripheral circuit faulty.
Yes
IC8036 or its peripheral circuit faulty.

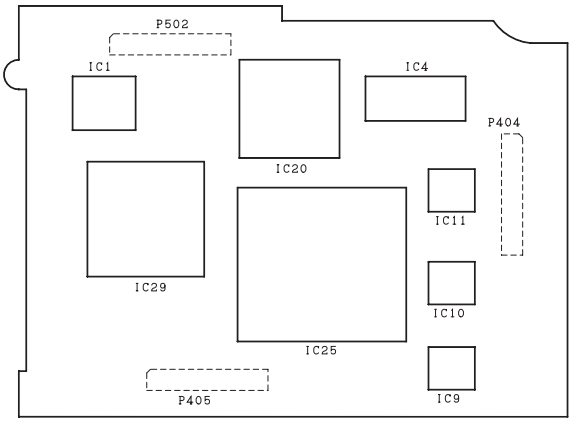
Checking the remote control


Run the remote control. Are there signals at pins (17) and (18) of SC1404 connector?
No
LCD circuitry faulty.
Yes
IC8001 or its peripheral circuit faulty.

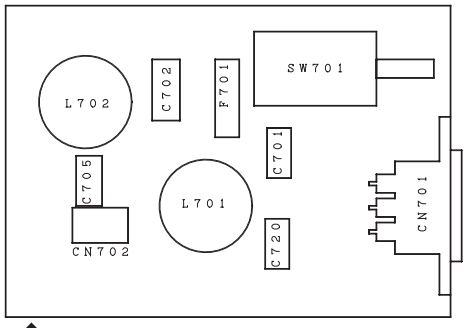
CHASSIS LAYOUT / CHASSIS-ANORDNUNG
机芯底盘电路布置



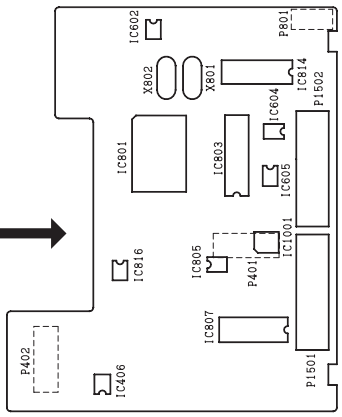
PC I/F UNIT
CPCI-0029CE01/02



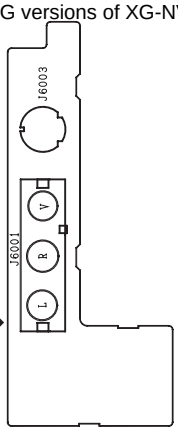
INLET UNIT
RUNTK0647CEZZ



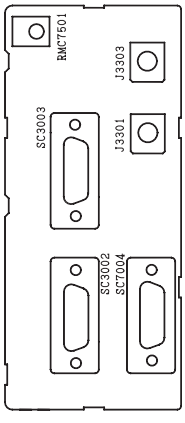
SIGNAL UNIT
DUNTK9767DE02/04



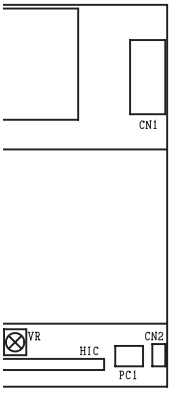
VIDEO UNIT
DUNTK9769DE02/04
(for XG-NV4SM, XG-NV40SA as well as AUSTRALIA, NEW ZEALAND and HONG KONG versions of XG-NV4SE)



PC TERMINAL UNIT
DUNTK9770DE02/04

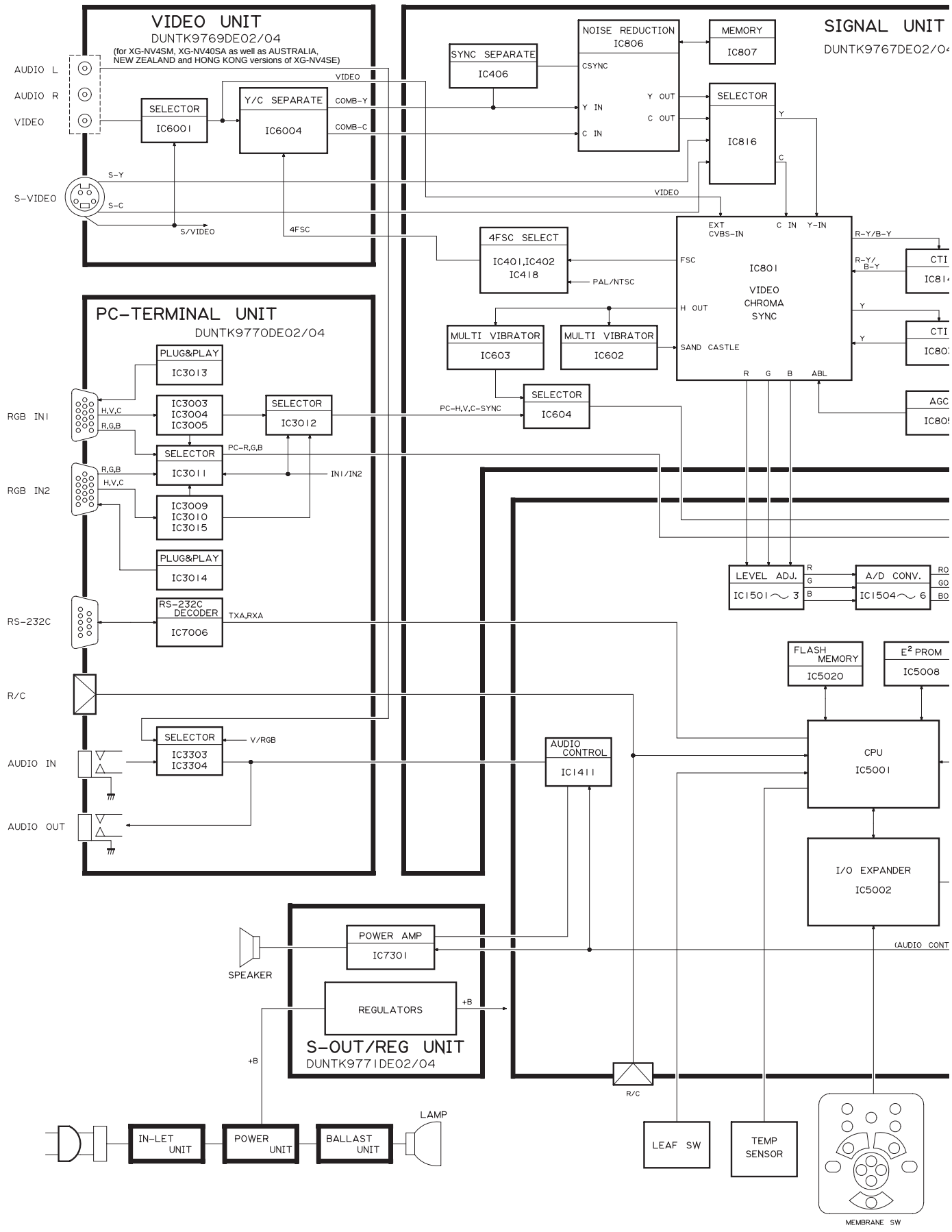


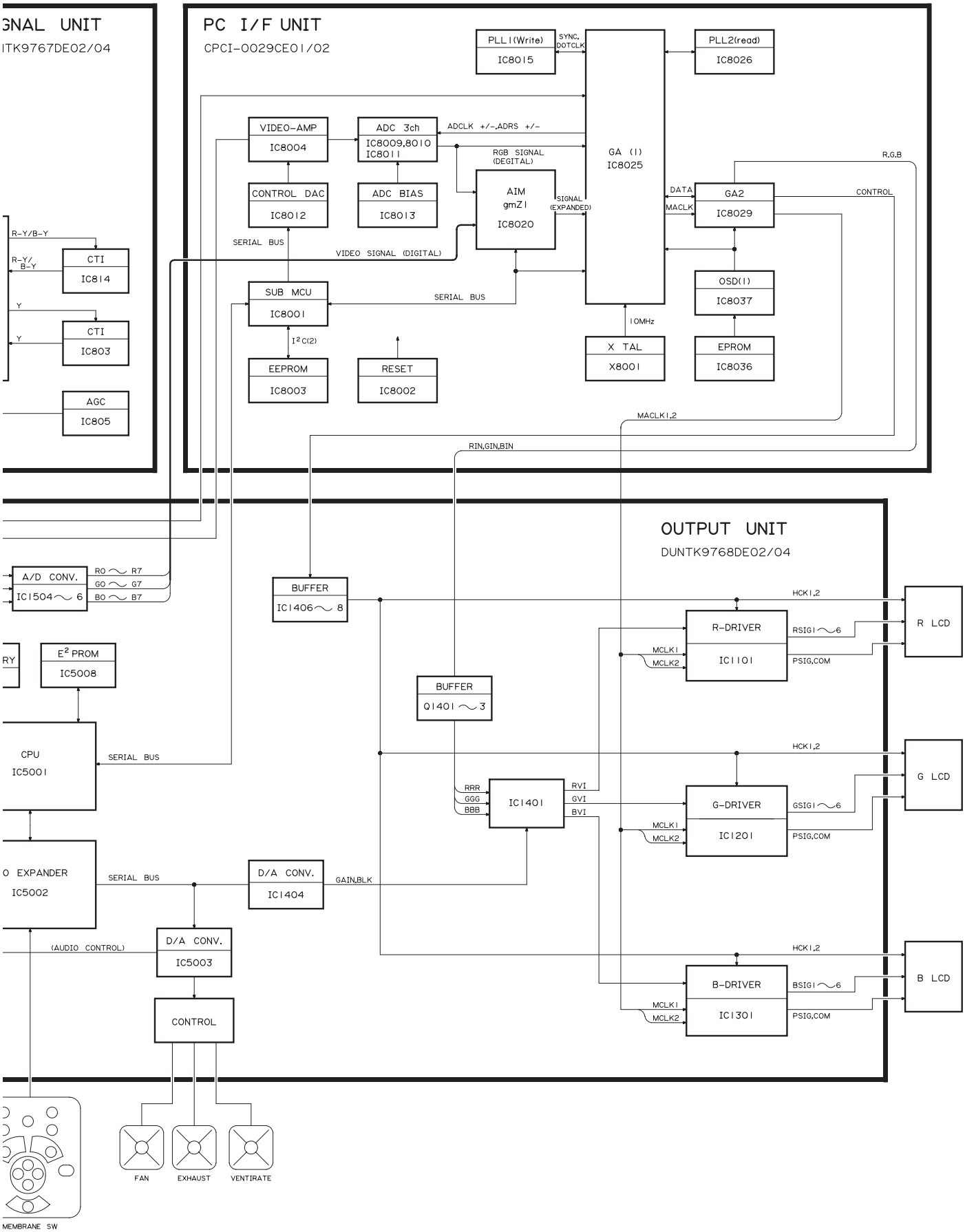
LAST UNIT
ENC0275CEZZ



10	11	12	13	14	15	16	17	18	19

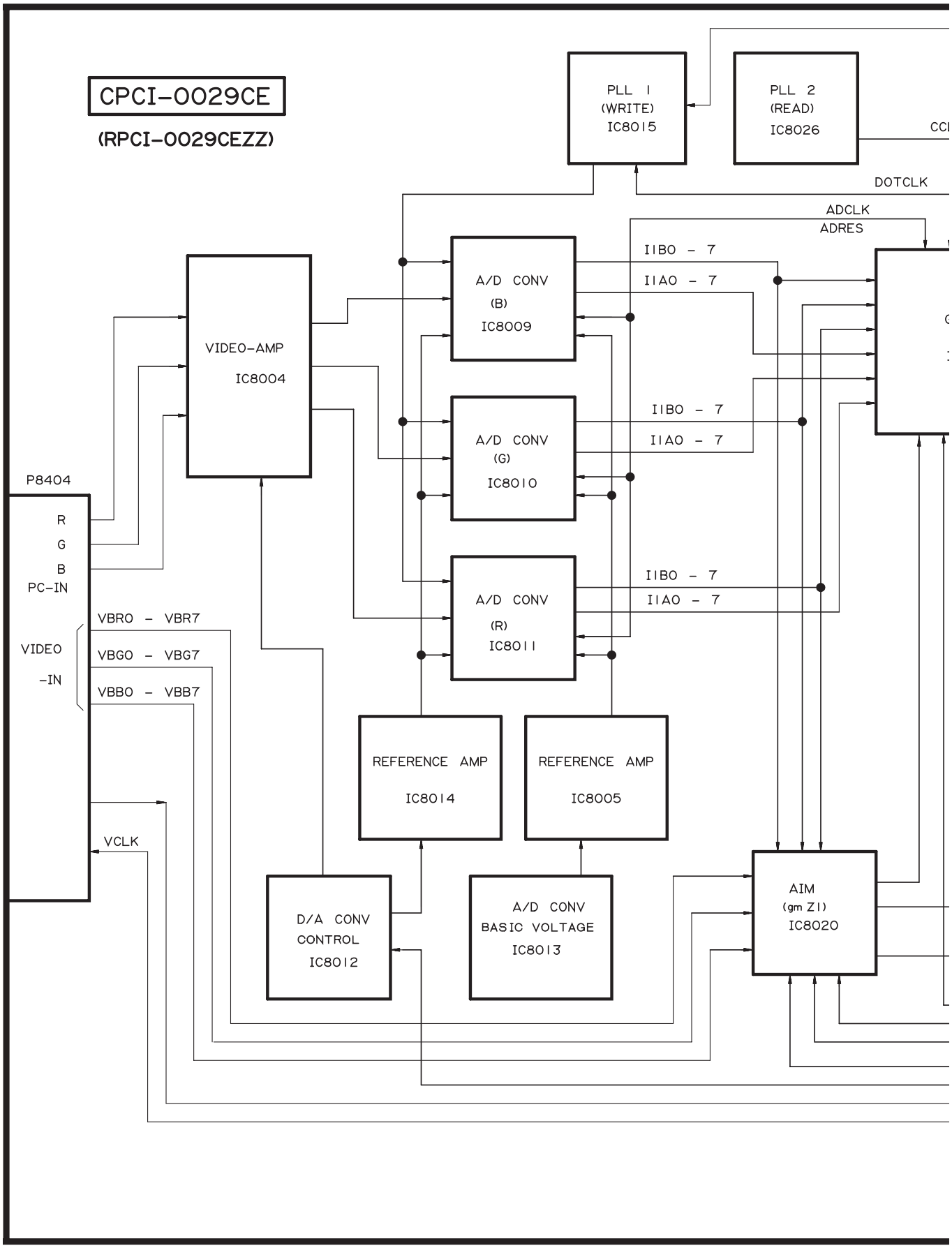
BLOCK DIAGRAM-1 / BLOCKSCHALTBILD-1 电路方框图-1

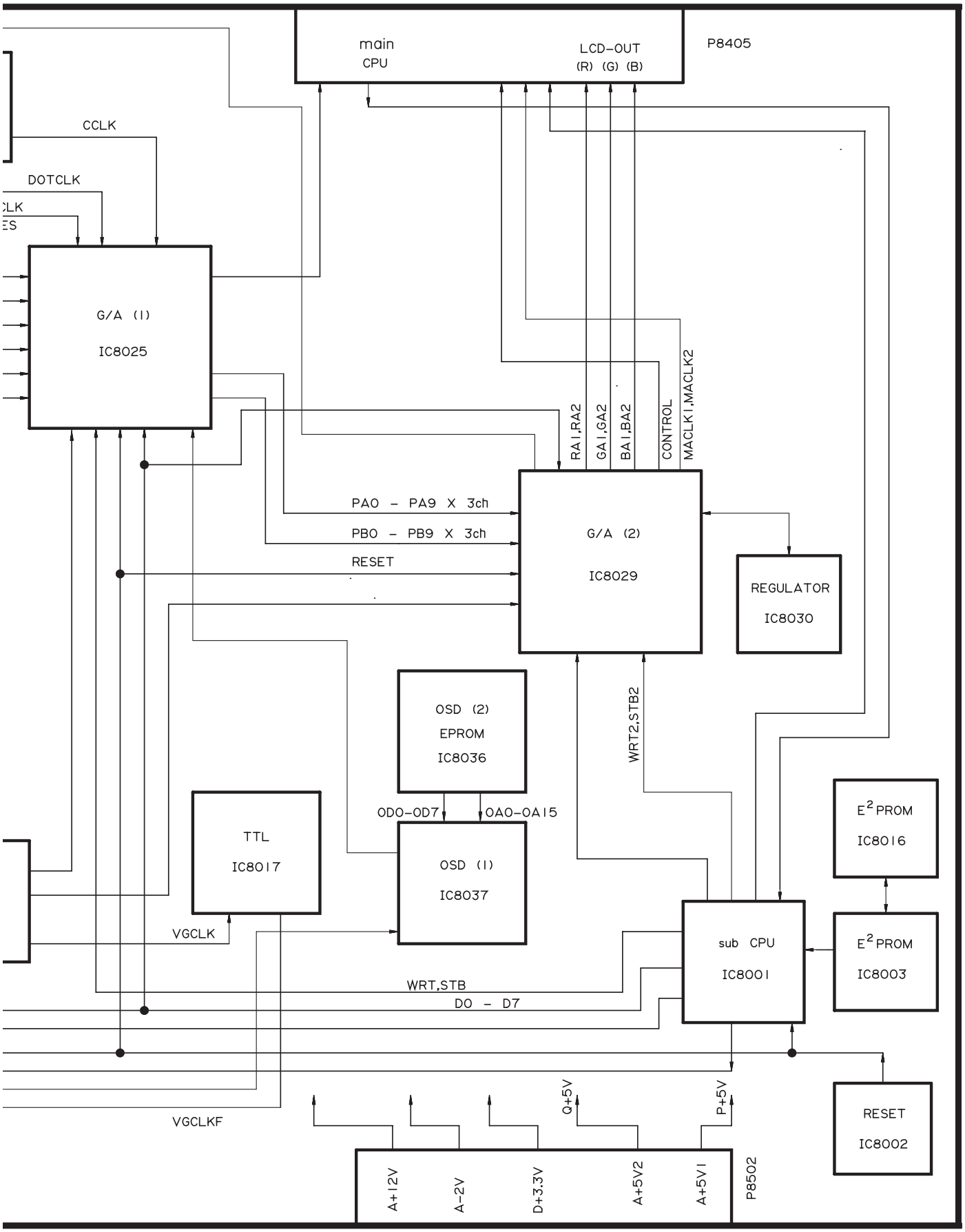




10	11	12	13	14	15	16	17	18	19

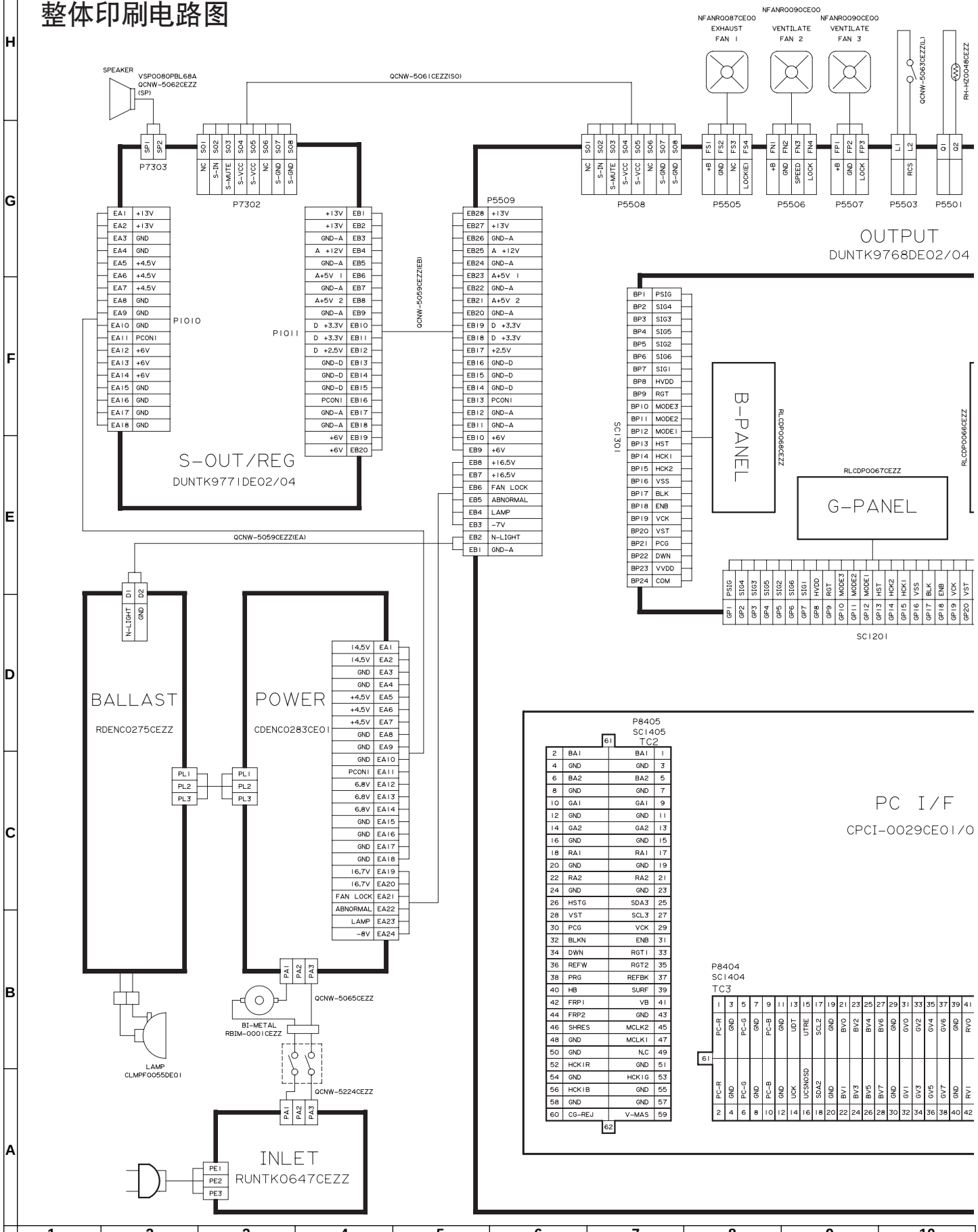
BLOCK DIAGRAM-2 / BLOCKSCHALTBILD-2 电路方框图-2

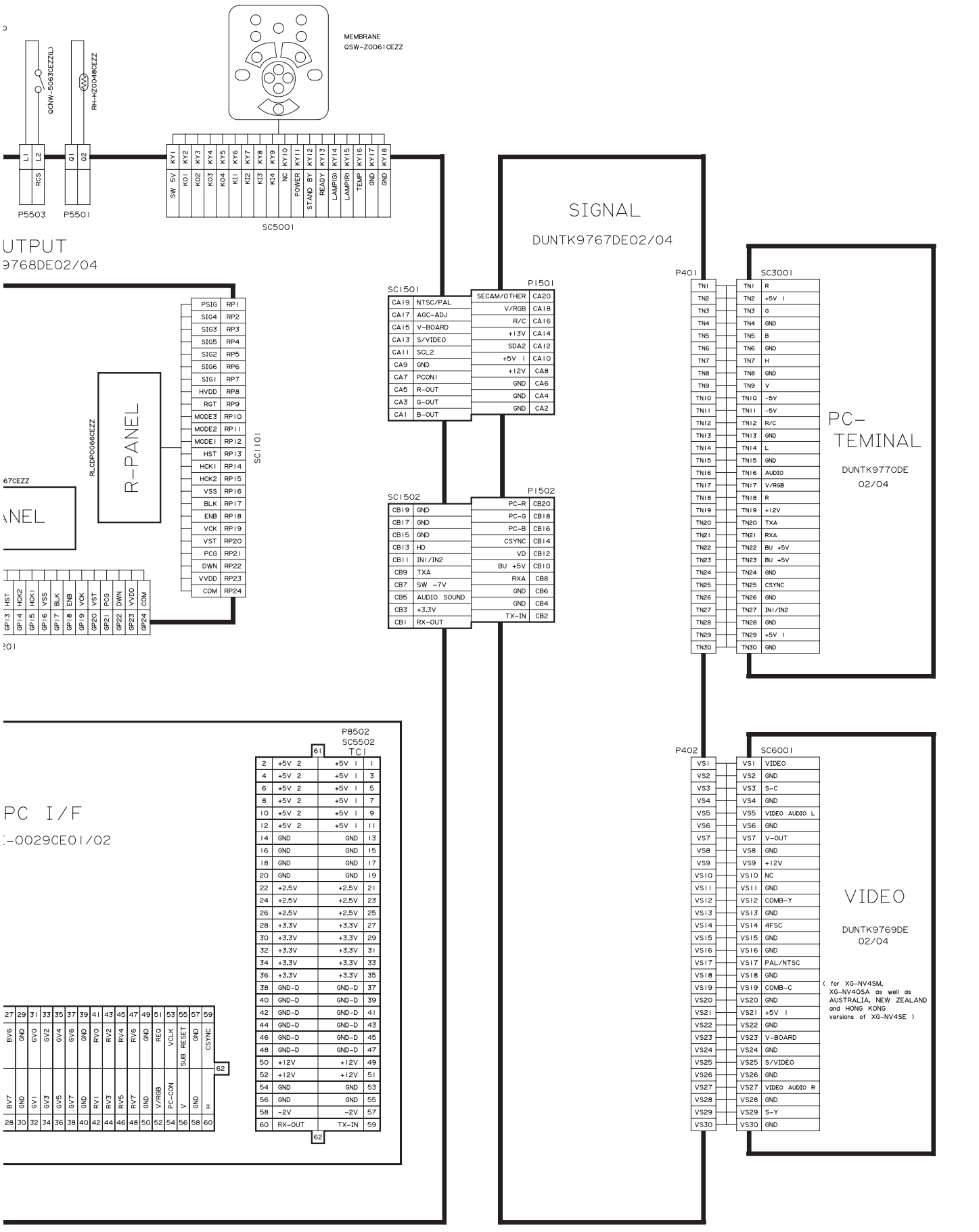




10	11	12	13	14	15	16	17	18	19

OVERALL WIRING DIAGRAM / GESAMTSCHALTPLAN
整体印刷电路图




MEMBRANE
QSW-Z0061CEZZ
QCNW-5063CEZZ(L)
RH-HZ0048CEZZ
P5503
P5501
SC5001
SIGNAL
DUNTK9767DE02/04
SC1501
P1501
SC1502
P1502
P401
SC3001
PC-
TEMINAL
DUNTK9770DE
02/04
R-PANEL
RLCDP0066CEZZ
SC1101
P8502
SC5502
TC1
PC I/F
P402
SC6001
VIDEO
DUNTK9769DE
02/04
(for XG-NV4SM, XG-NV40SA as well as AUSTRALIA, NEW ZEALAND and HONG KONG versions of XG-NV4SE)

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 230V. Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 230V. Signals are fed by a colour bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

Ⓒ : Solid Ⓦ : Cement
Ⓢ : Oxide Film Ⓣ : Special
Ⓝ : Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar (TA): Tantalum
(PF): Polypro Film (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

BESCHREIBUNG DES SCHEMATISCHEN SCHALTPLANS

SPANNUNGSMESSUNGEN:

1. Spannungen an den Prüfpunkten werden bei einer Netzspannung von 230V gemessen, Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt, und Spannungen werden mit einem Meßinstrument (20 kΩ/V) ermittelt.

SIGNALFORMMESSUNGEN:

1. Die Wellenformen an den Testpunkten werden bei einer Netzspannung von 230V verfolgt. Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt.

BEZEICHNUNG DES WIDERSTANDS UND KONDENSATORS:

WIDERSTAND

1. Die Widerstandseinheit "Ω" wird weggelassen. (K=kΩ=1000 Ω, M=MΩ).
2. Alle Widerstände haben ± 5%, sofern nicht anders angegeben. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. Alle Widerstände haben 1/10W, sofern nicht anders angegeben.
4. Alle Widerstände sind Kohletyp, sofern nicht anders angegeben.

Ⓒ : Fest Ⓦ : Zement
Ⓢ : Oxidfilm Ⓣ : Spezial
Ⓝ : Metallüberzug

KONDENSATOR

1. Die Kapazitätseinheit ist μF, sofern nicht anders angegeben. (P=pF=μμF).
2. Alle Kondensatoren haben 50V, sofern nicht anders angegeben.
3. Alle Kondensatoren sind Keramiktyp, sofern nicht anders angegeben.

(ML): Mylar (TA): Tantal
(PF): Polyprofilm (ST): Styrol

ACHTUNG:
bei diesem Schaltplan handelt es sich um den ursprünglichen. Esönnen daher geringfügige Unterschiede zu dem Ihrem bestehen.

SICHERHEITSANMERKUNGEN:

1. VOR DEM AUSWECHSELN VON TEILEN MUSS UNBEDINGT NETZSTECKER AUS DER NETZSTECKDOSE GEZOGEN WERDEN.
2. DIE WARMEABLEITER DER HALBLEITER SOLLTEN BEIM BETRIEB DES CHASSIS ALS MÖGLICHE URSACHEN VON GEFÄHRLICHEN ELEKTRISCHEN SCHLÄGEN BETRACHTET WERDEN.

WICHTIGE SICHERHEITSANMERKUNGEN:

MIT "⚠" ( ) BEZEICHNETEN TEILE SIND BESONDERS WICHTIG FÜR DIE AUFRECHTERHALTUNG DER SICHERHEIT . BEIM WECHDIESER TEILE SOLLTEN DIE VORGESCHRIEBENEN TEILE IMMER VERWENDET WERDEN, UM SOWOHL DIE SICHERHEIT ALS AUCH DIE LEISTUNG DES GERÄTES AUFRECHTZUERHALTEN.

电 路 原 理 图 的 说 明

电压测定条件：

1.各测试点上的电压值是用 AC230V 电源电压来测定的。 各种信号由维修专用的彩条信号发生器产生的， 各种有关电压值是用20千欧姆 / 伏测试仪测定的。

波形测定条件：

1.各测试点上的波形是用 AC230V 电源电压观察到的。 各种信号由维修专用的彩条信号发生器产生的。

电阻与电容器的表示：

电阻

1.电阻欧姆"Ω"单位予以略记。
（K＝kΩ＝1000Ω， M＝兆Ω）。
2.除特别说明者外，所有的电阻为±5%。
（J＝±5%， F＝±1%， D＝±0.5%）。
3.除特别说明者外，所有的电阻功率为1/10W。
4.除特别说明者外，所有的电阻为碳质。

Ⓒ：固体电阻 Ⓦ：陶瓷电阻
Ⓢ：氧化膜电阻 Ⓣ：特殊电阻
Ⓝ：金属涂层电阻

电容器

1.除特别说明者外，所有的电容器单位为微法（μF）。
（P＝微微法＝μμF）。
2.除特别说明者外，所有的电容器为50伏。
3.除特别说明者外，所有的电容器为陶瓷质。

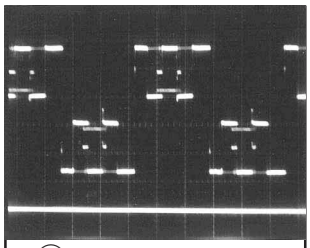
（ML）：聚酯薄膜电容器 （TA）：钽质电容器
（PF）：聚乙烯薄膜电容器 （ST）：聚苯乙烯电容器

注意：
这里的电路原理图均为最初设计原理图，与您的机器的电路原理图可能有不同之处。

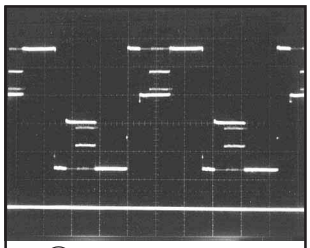
安全使用注意事项：
1.在进行部件更换之前，务请拔出电源插头。
2.本装置工作时，机芯底盘的半导体散热片有触电之虑，务请注意。

安全使用注意要点：
标有"⚠"（ ）的部件对于投影机安全的维护有至关重要的意义。为了维护本机的安全和使本机能正常工作，必须使用指定品来更换这些部件。

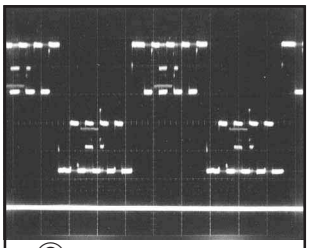
WAVEFORMS
WELLENFORMEN
波形图



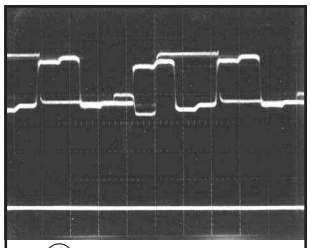
① SC1101 7-pin
(RSIG1), TP1101
H : 10µsec/div
V : 2V/div



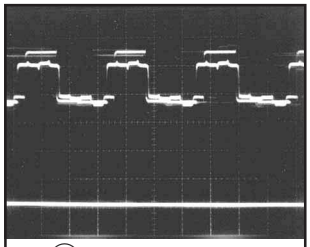
② SC1201 7-pin
(GSIG1), TP1201
H : 10µsec/div
V : 2V/div



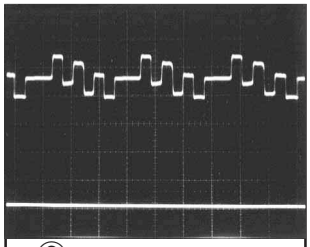
③ SC1301 7-pin
(BSIG1), TP1301
H : 10µsec/div
V : 2V/div



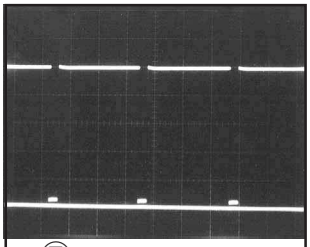
④ P801 1-pin
(R)
H : 10µsec/div
V : 0.5V/div



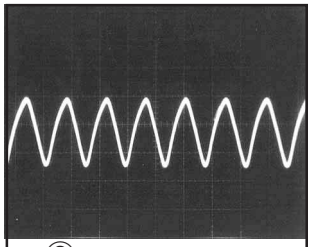
⑤ P801 2-pin
(G)
H : 20µsec/div
V : 0.5V/div



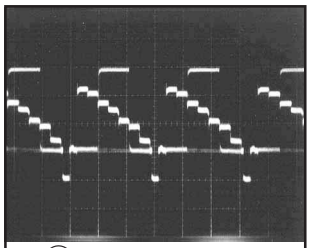
⑥ P801 4-pin
(B-Y)
H : 20µsec/div
V : 1V/div



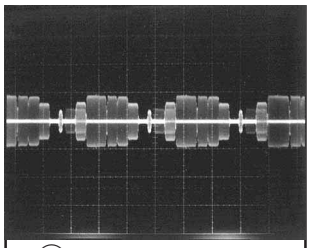
⑦ IC604 6-pin
(H-OUT)
H : 20µsec/div
V : 1V/div



⑧ Q422 Emitter
(4FSC)
H : 10µsec/div
V : 0.5V/div

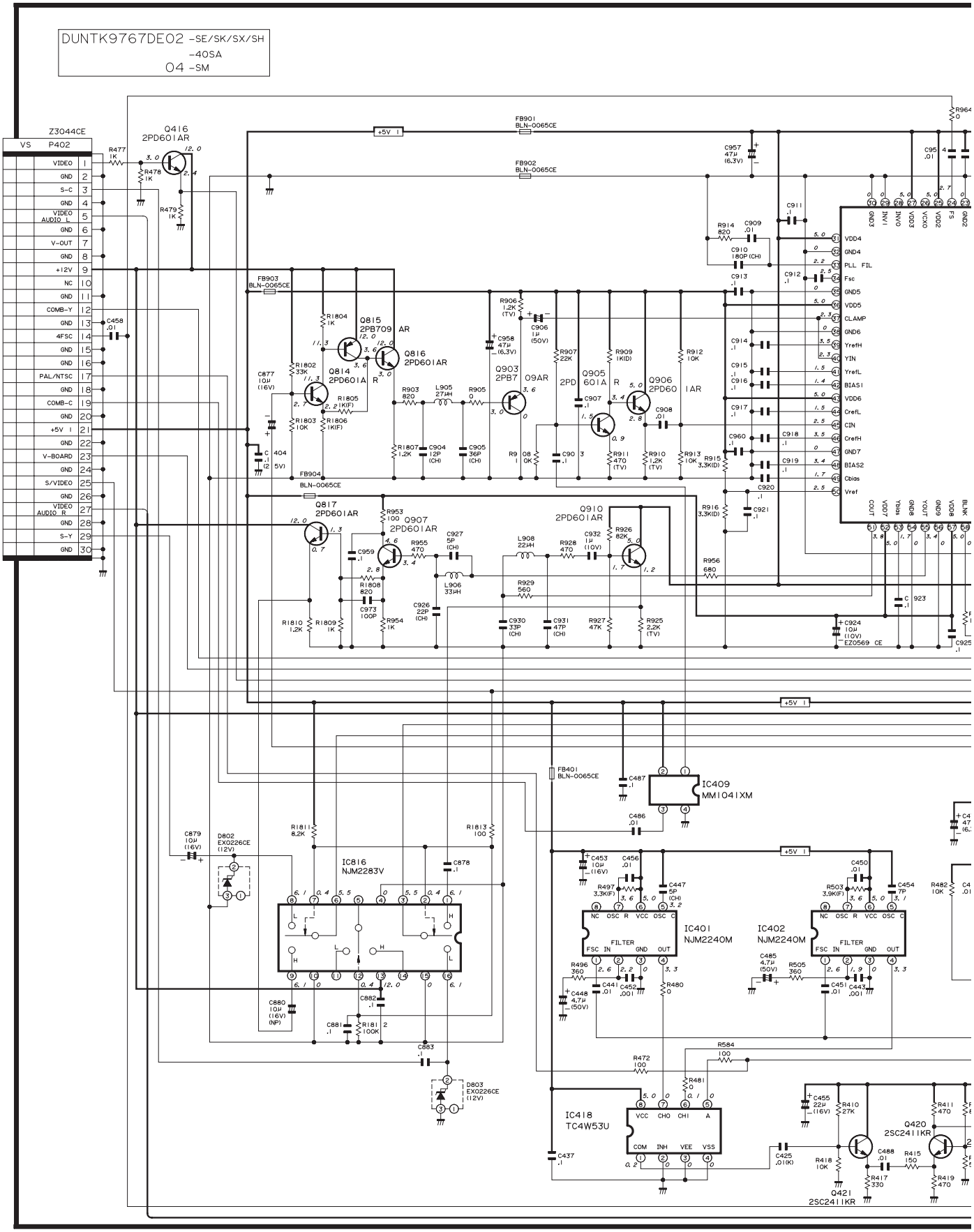


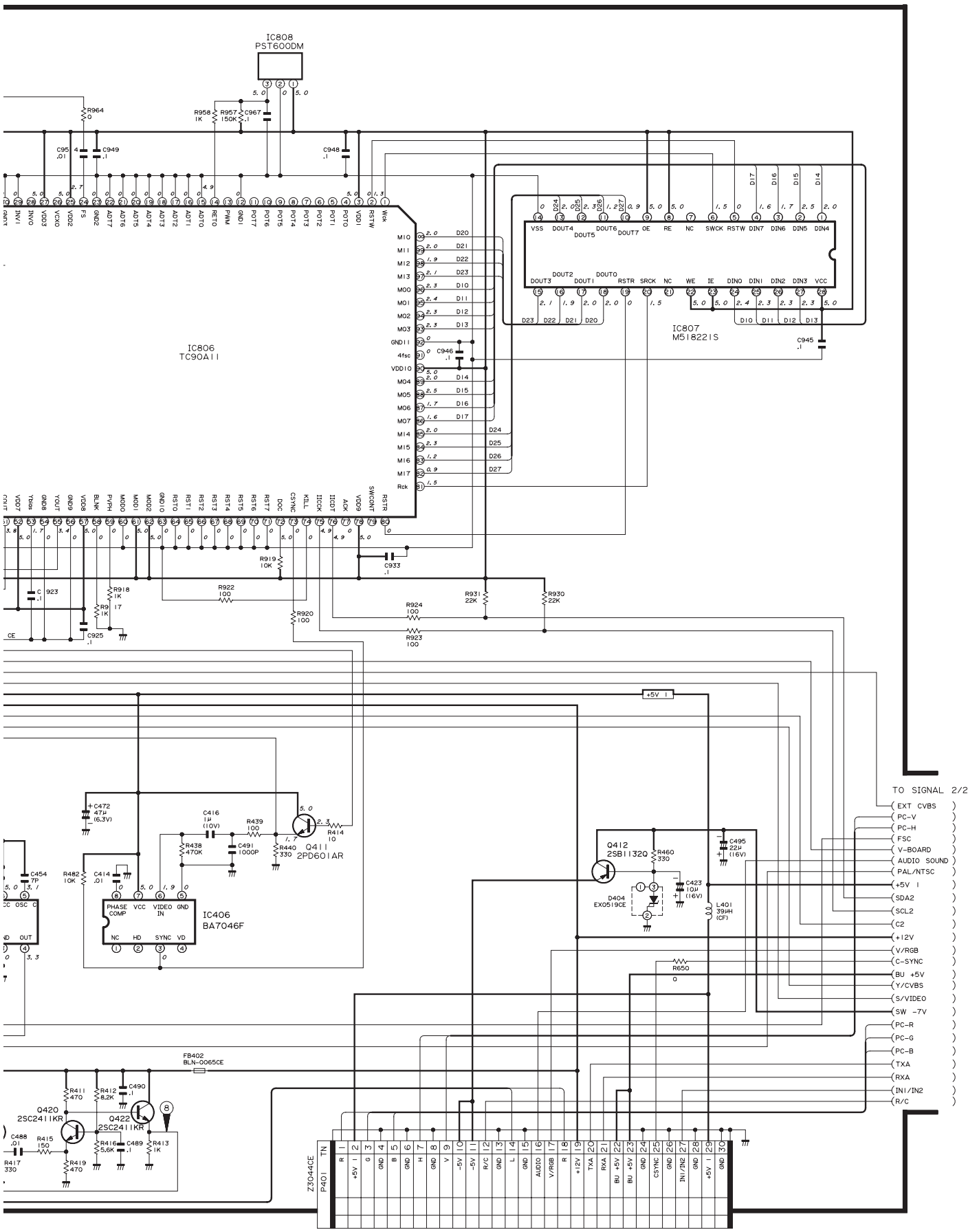
⑨ Q6008 Emitter
(Y-signal)
H : 10µsec/div
V : 0.2V/div



⑩ Q6003 Emitter
(CHROMA signal)
H : 10µsec/div
V : 0.2V/div

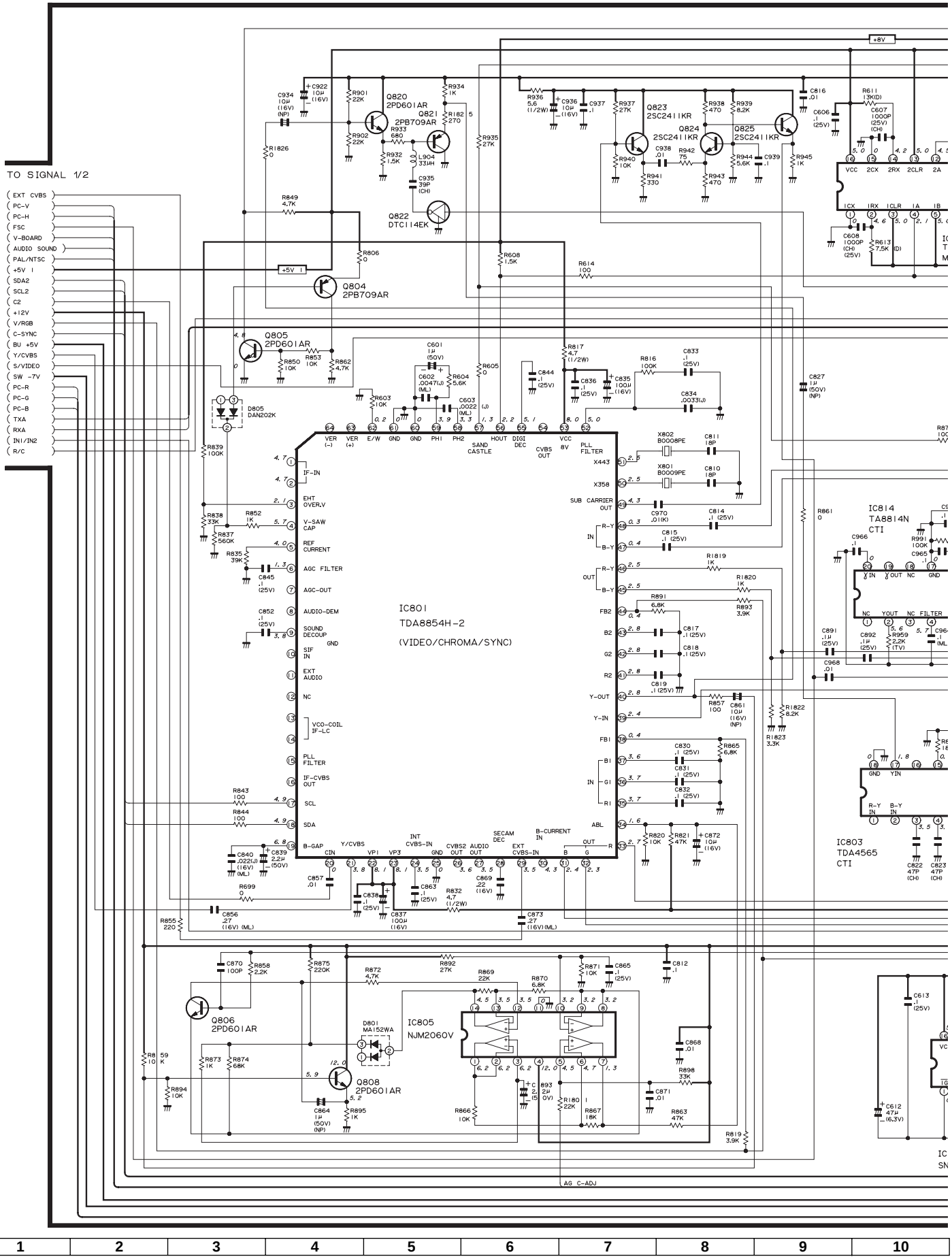
■ SIGNAL UNIT-1/2 / SIGNALEINHEIT-1/2 信号电路装置-1/2

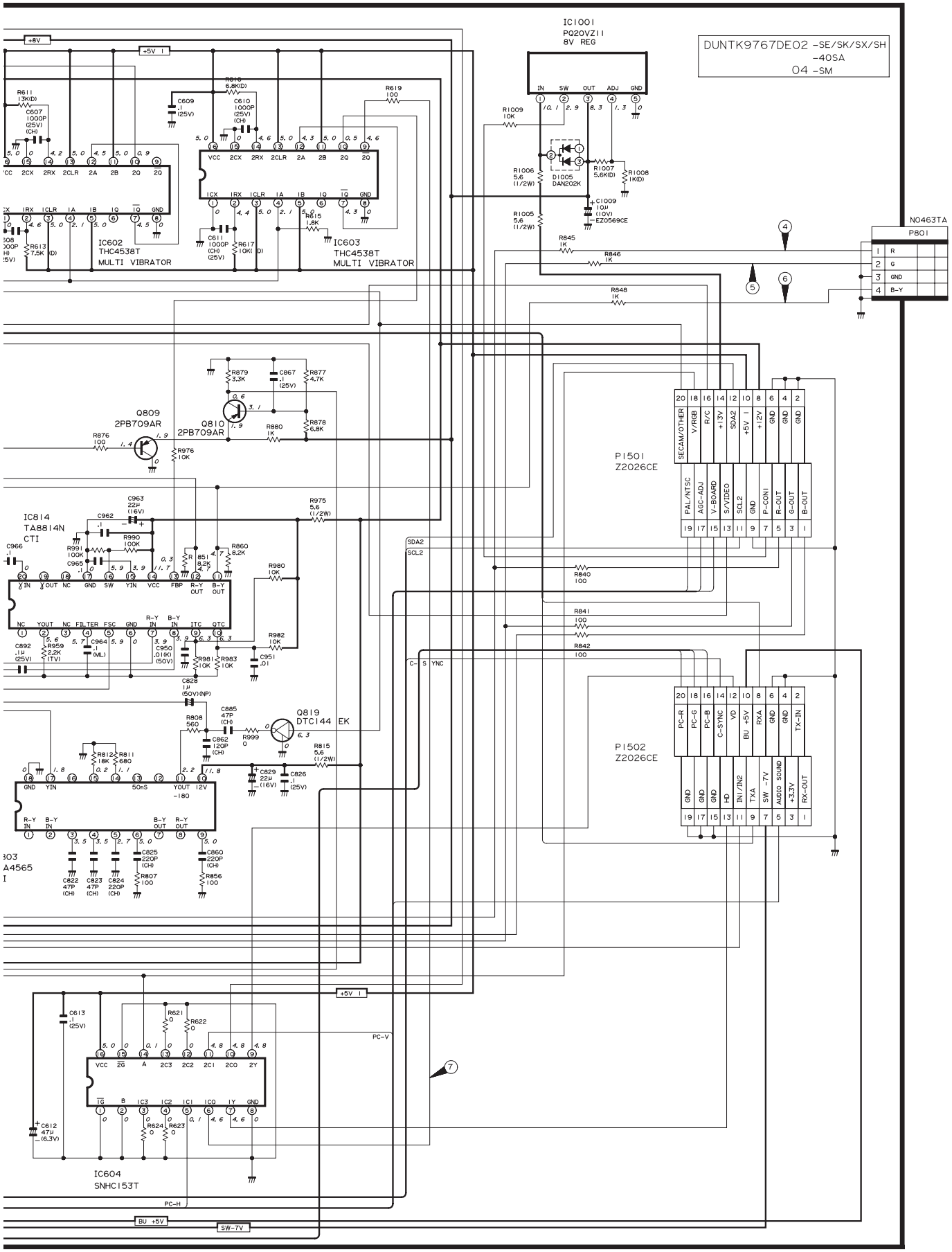




10	11	12	13	14	15	16	17	18	19

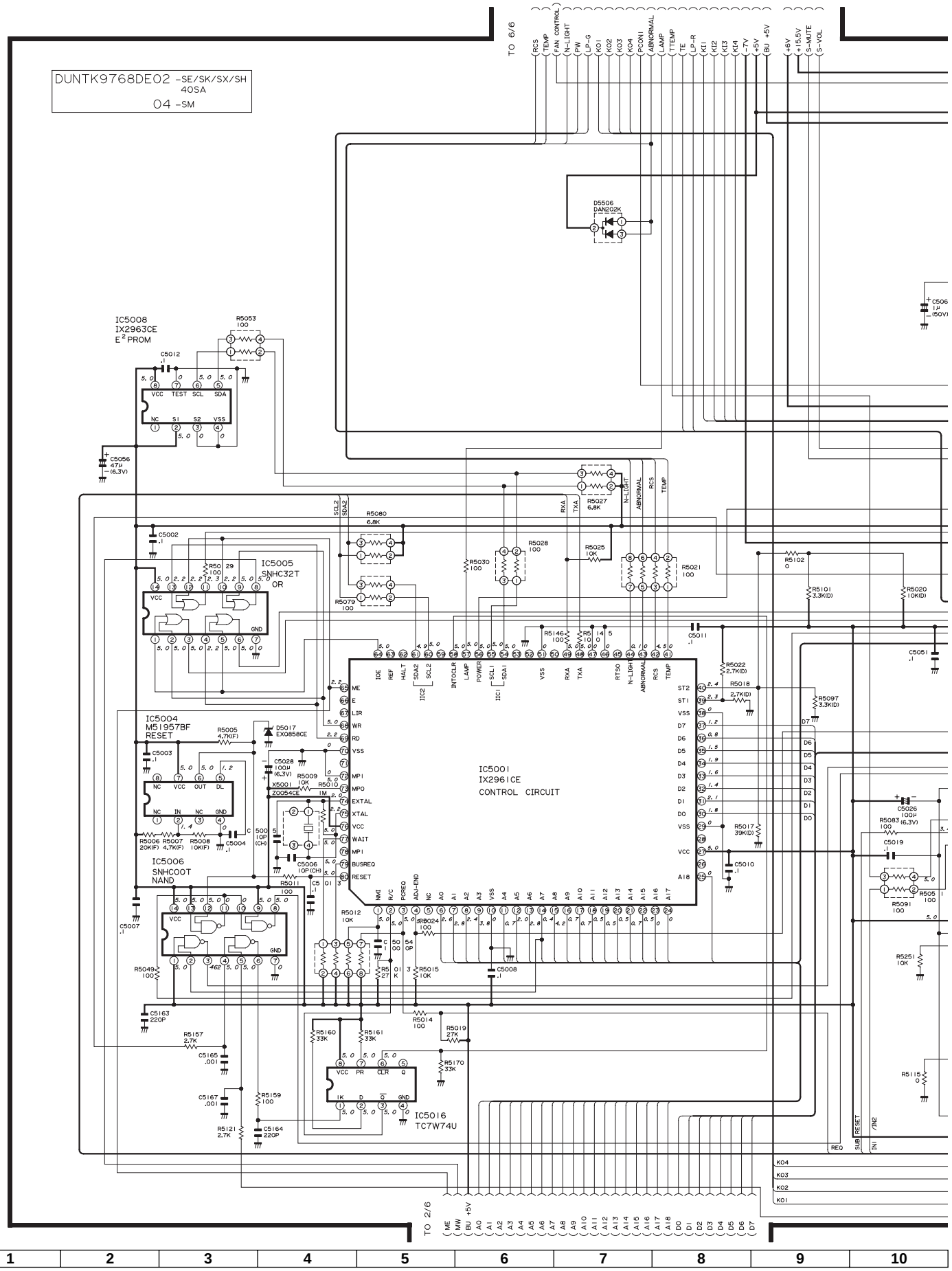
■ SIGNAL UNIT-2/2 / SIGNALEINHEIT-2/2 信号电路装置-2/2

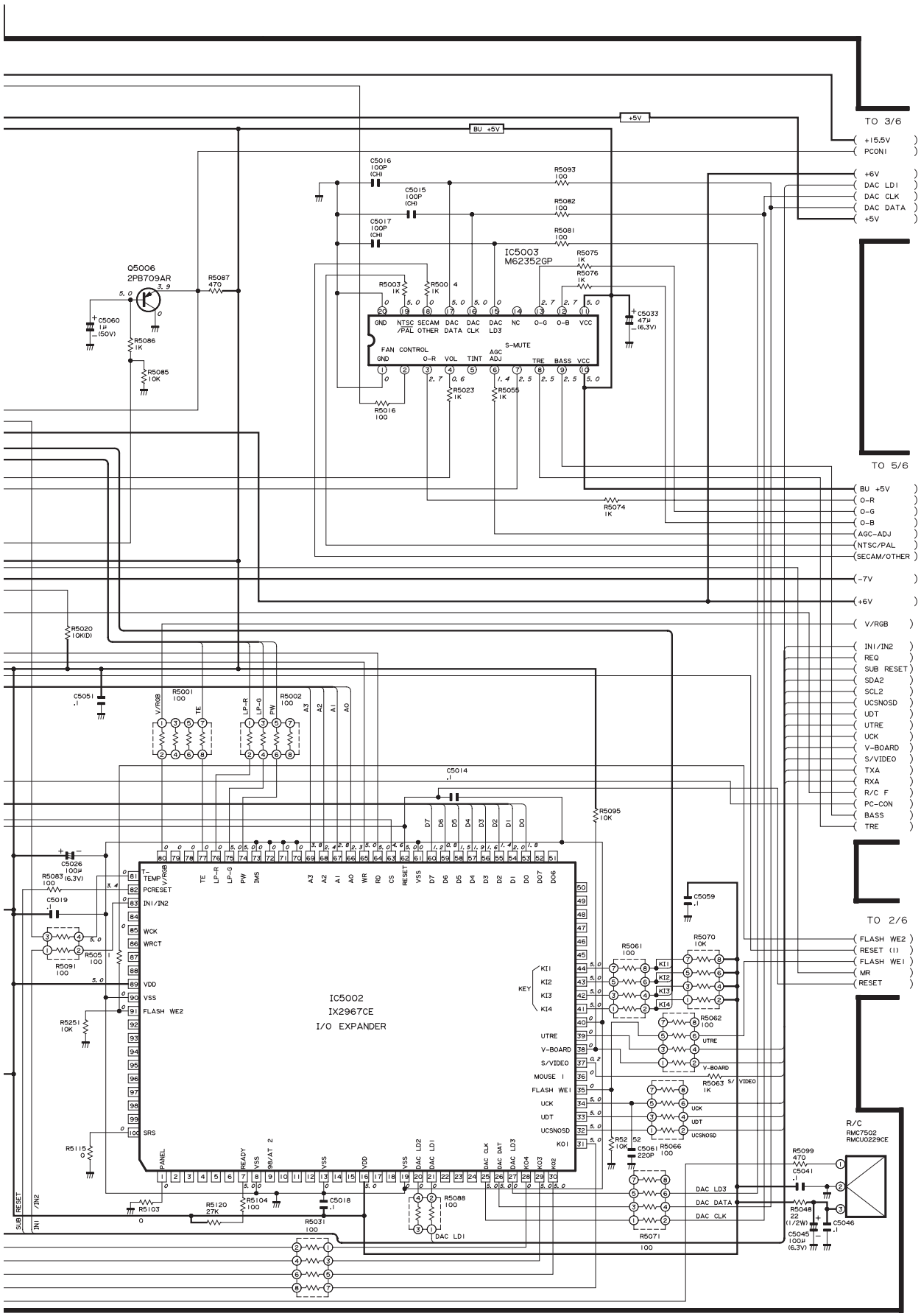




10	11	12	13	14	15	16	17	18	19

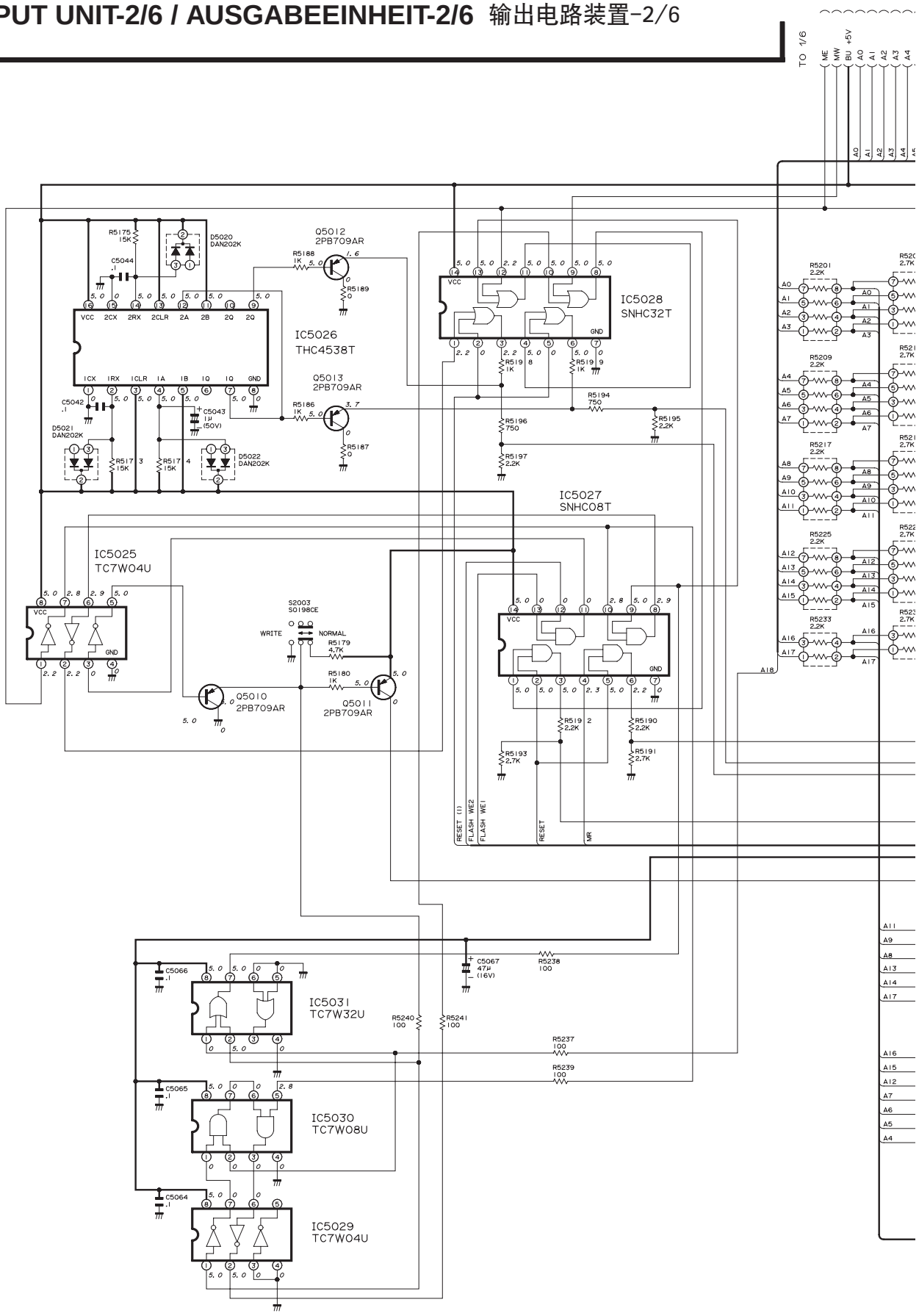
■ OUTPUT UNIT-1/6 / AUSGABEEINHEIT-1/6 输出电路装置-1/6

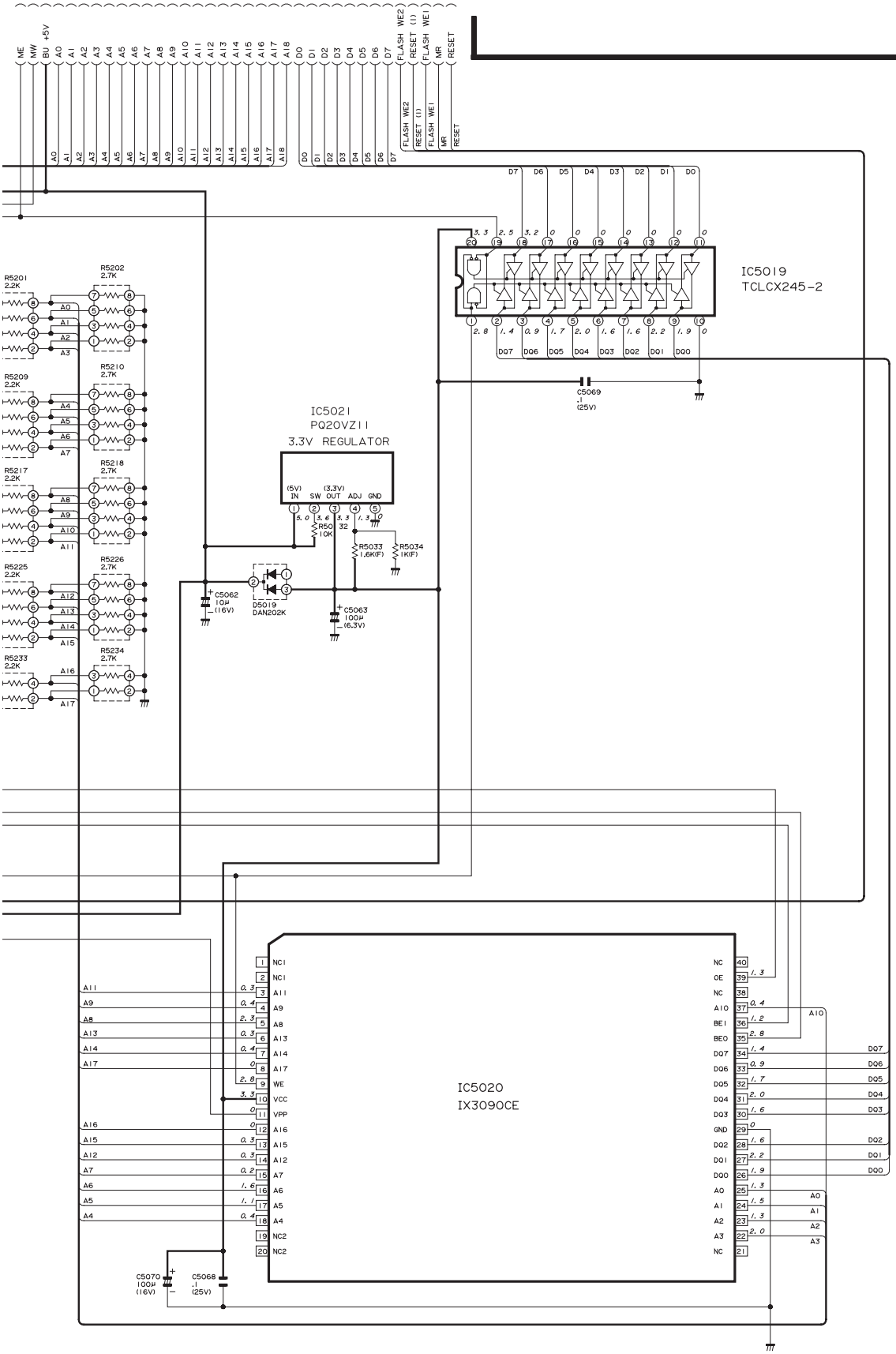




10	11	12	13	14	15	16	17	18	19

■ OUTPUT UNIT-2/6 / AUSGABEEINHEIT-2/6 输出电路装置-2/6

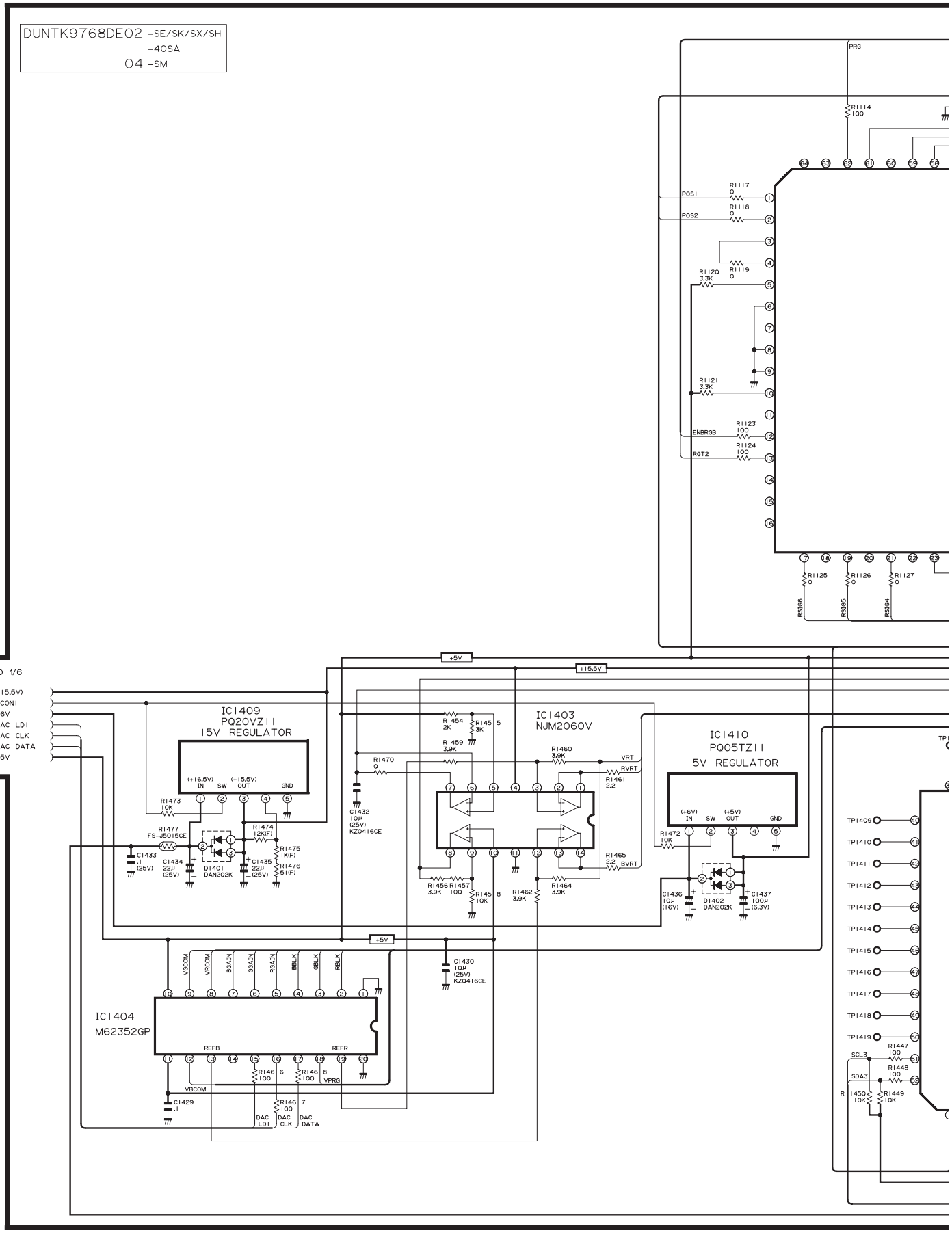


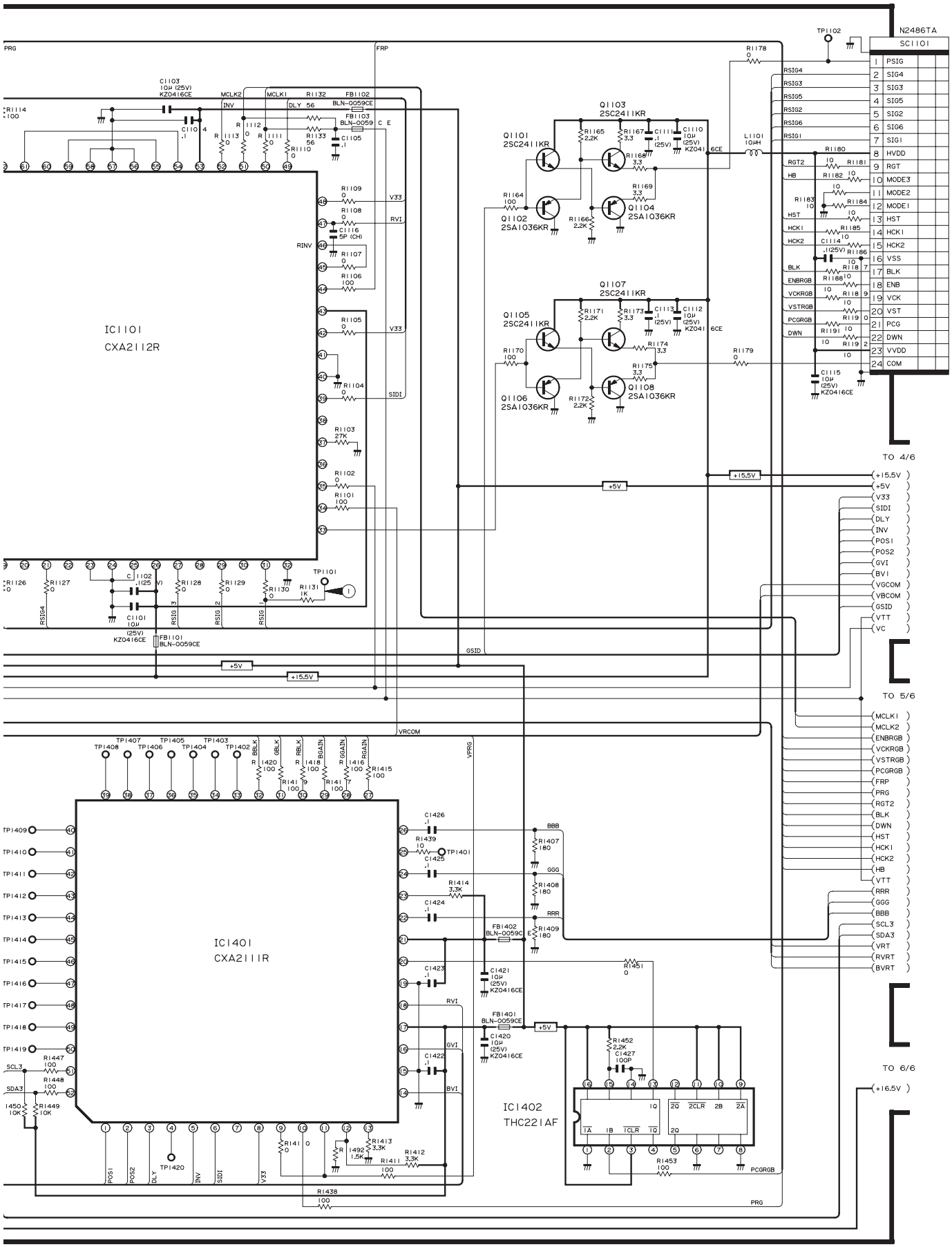


DUNTK9768DE02 -SE/SK/SX/SH
40SA
04 -SM

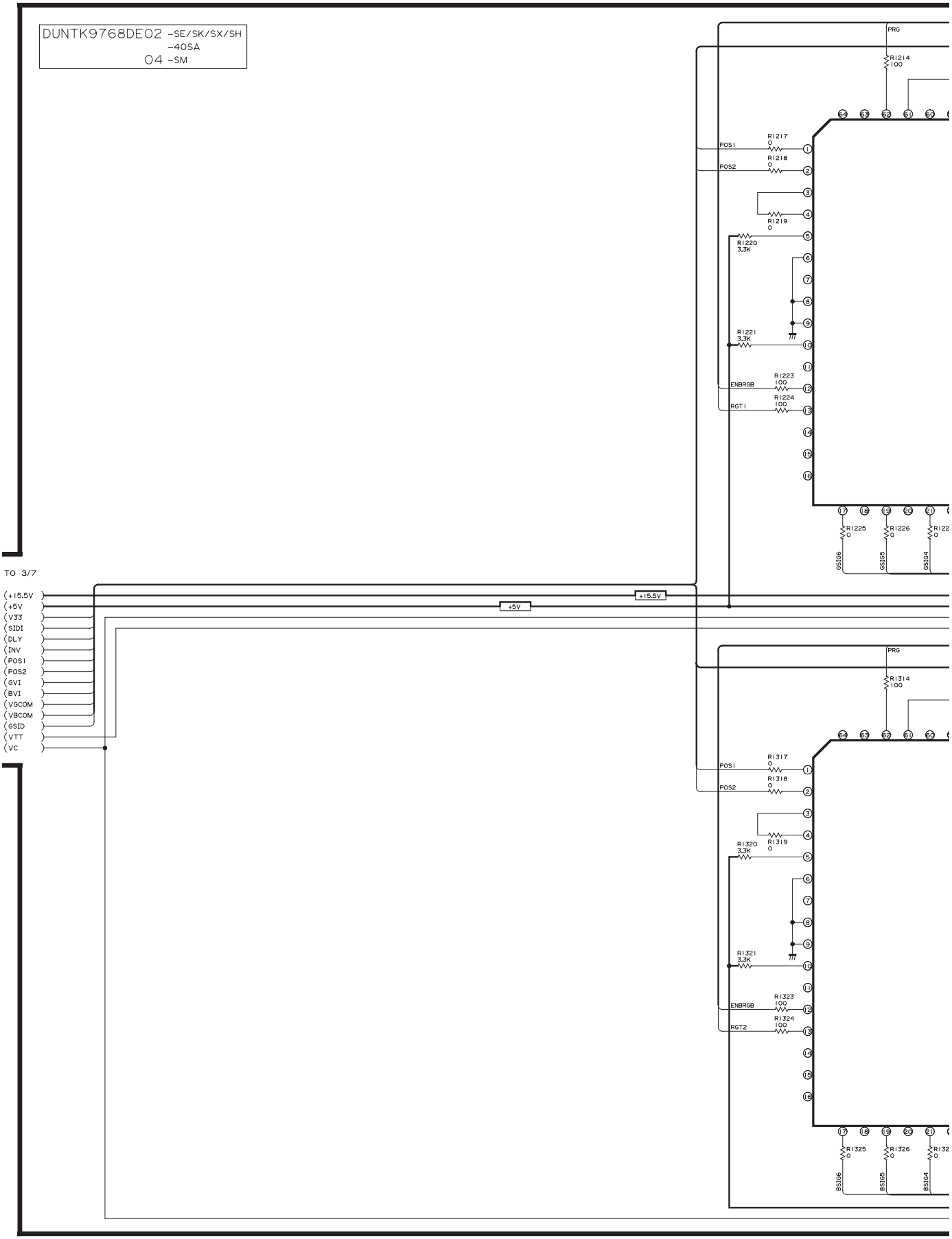
10	11	12	13	14	15	16	17	18	19

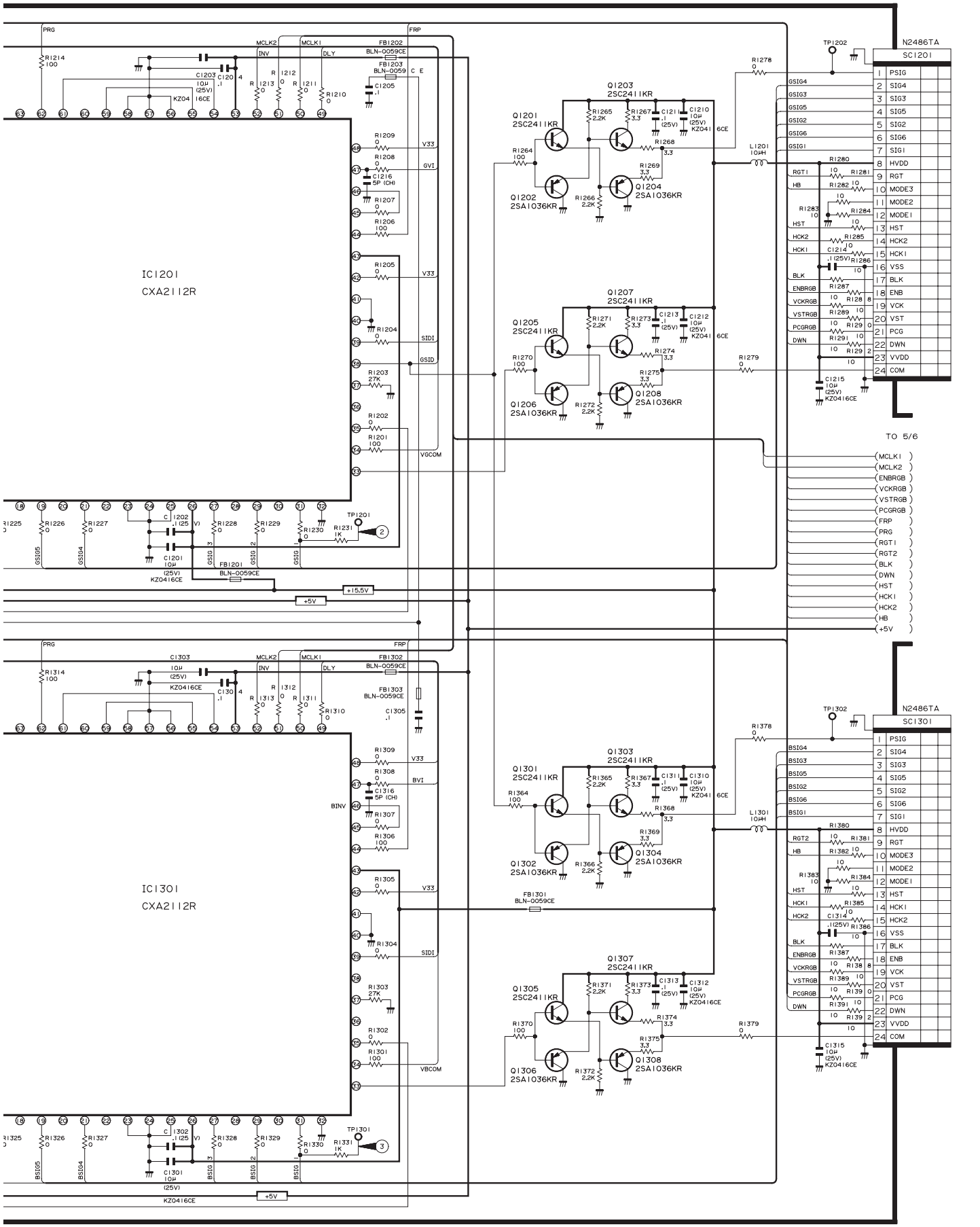
■ OUTPUT UNIT-3/6 / AUSGABEEINHEIT-3/6 输出电路装置-3/6




N2486TA
SC1101
IC1101
CXA2112R
IC1401
CXA2111R
IC1402
THC221AF
Q1101 2SC2411KR
Q1102 2SA1036KR
Q1103 2SC2411KR
Q1104 2SA1036KR
Q1105 2SC2411KR
Q1106 2SA1036KR
Q1107 2SC2411KR
Q1108 2SA1036KR
TO 4/6
TO 5/6
TO 6/6
+15.5V
+5V
VRCOM
GSID
PRG
FRP

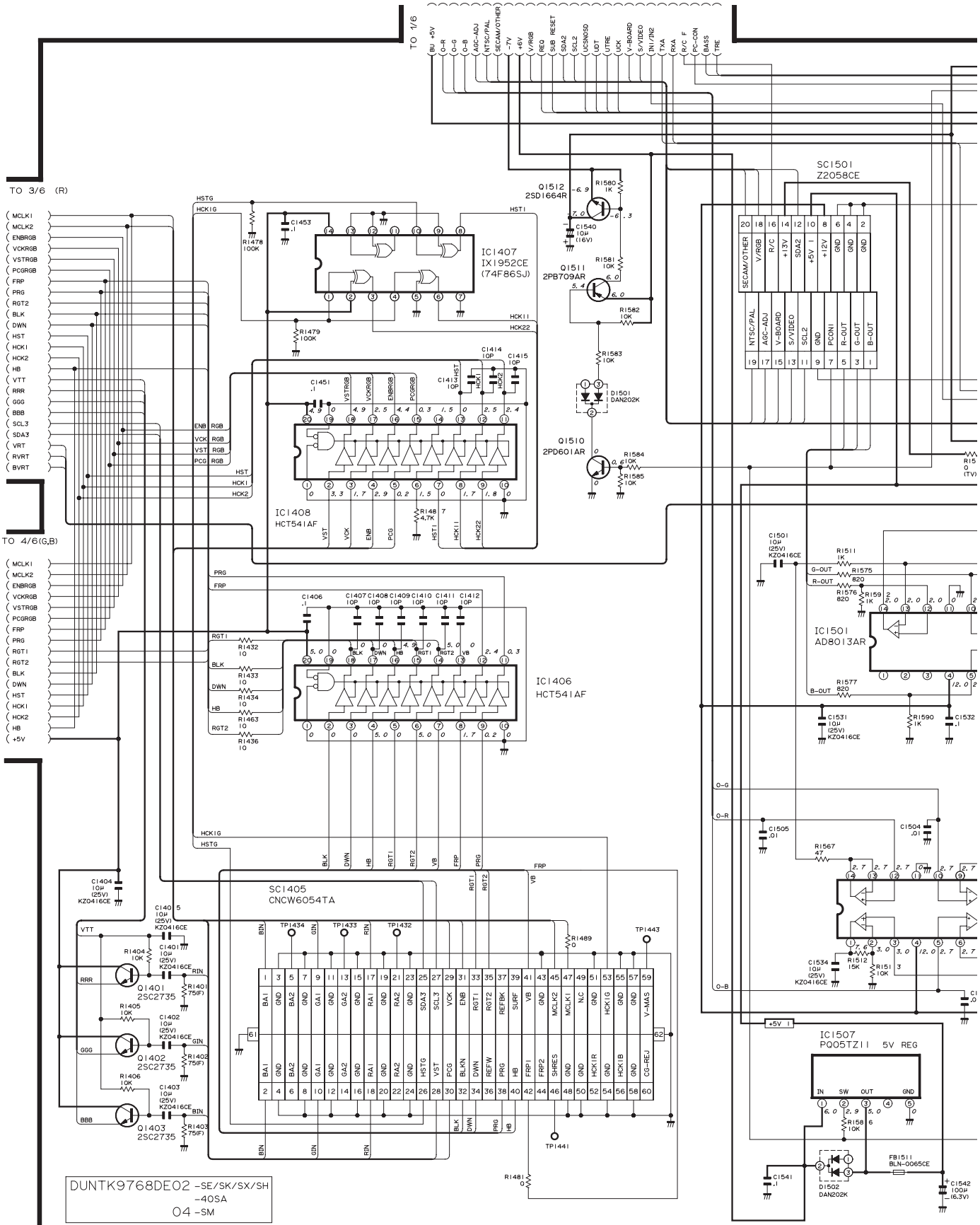
■ OUTPUT UNIT-4/6 / AUSGABEEINHEIT-4/6 输出电路装置-4/6

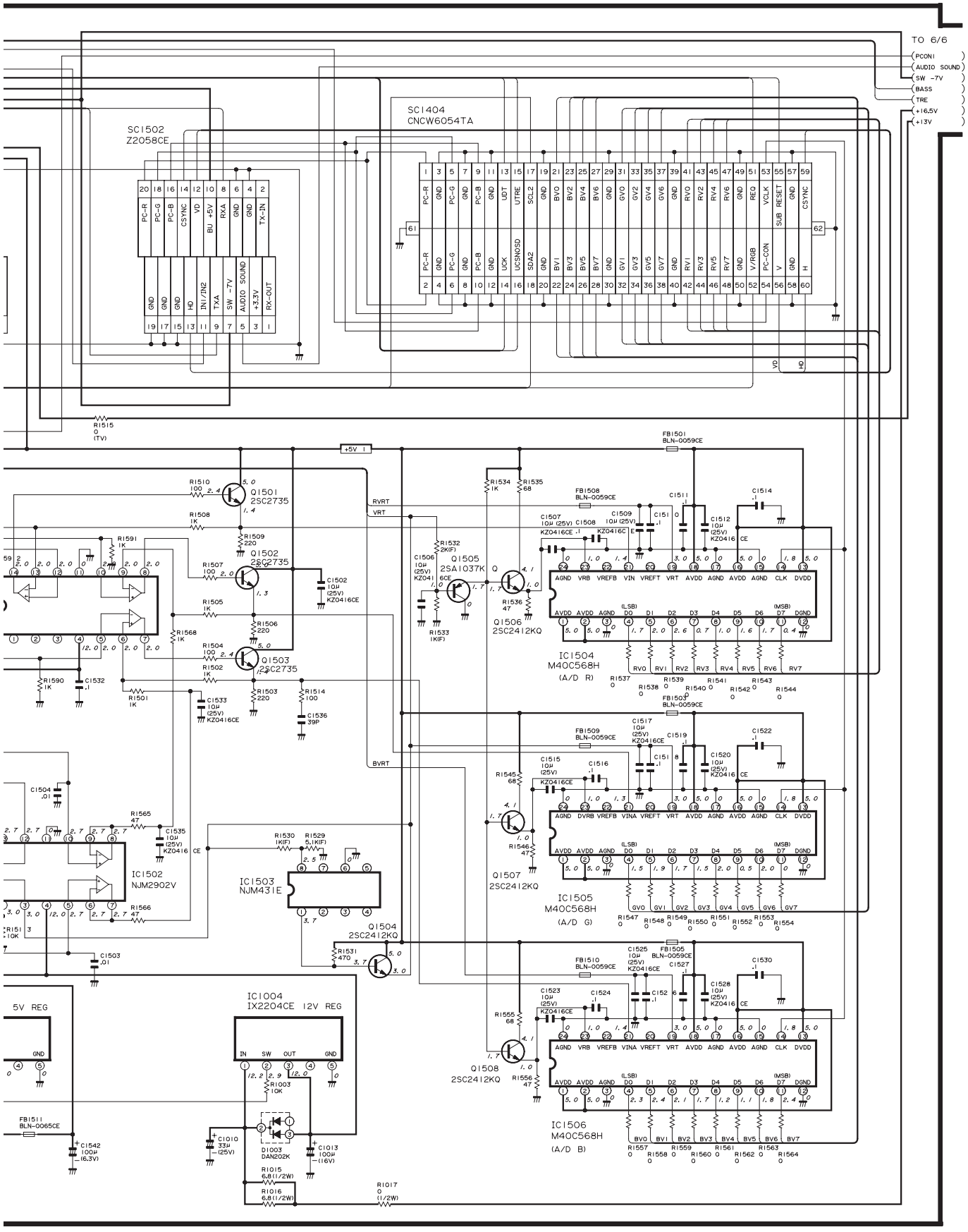




10	11	12	13	14	15	16	17	18	19

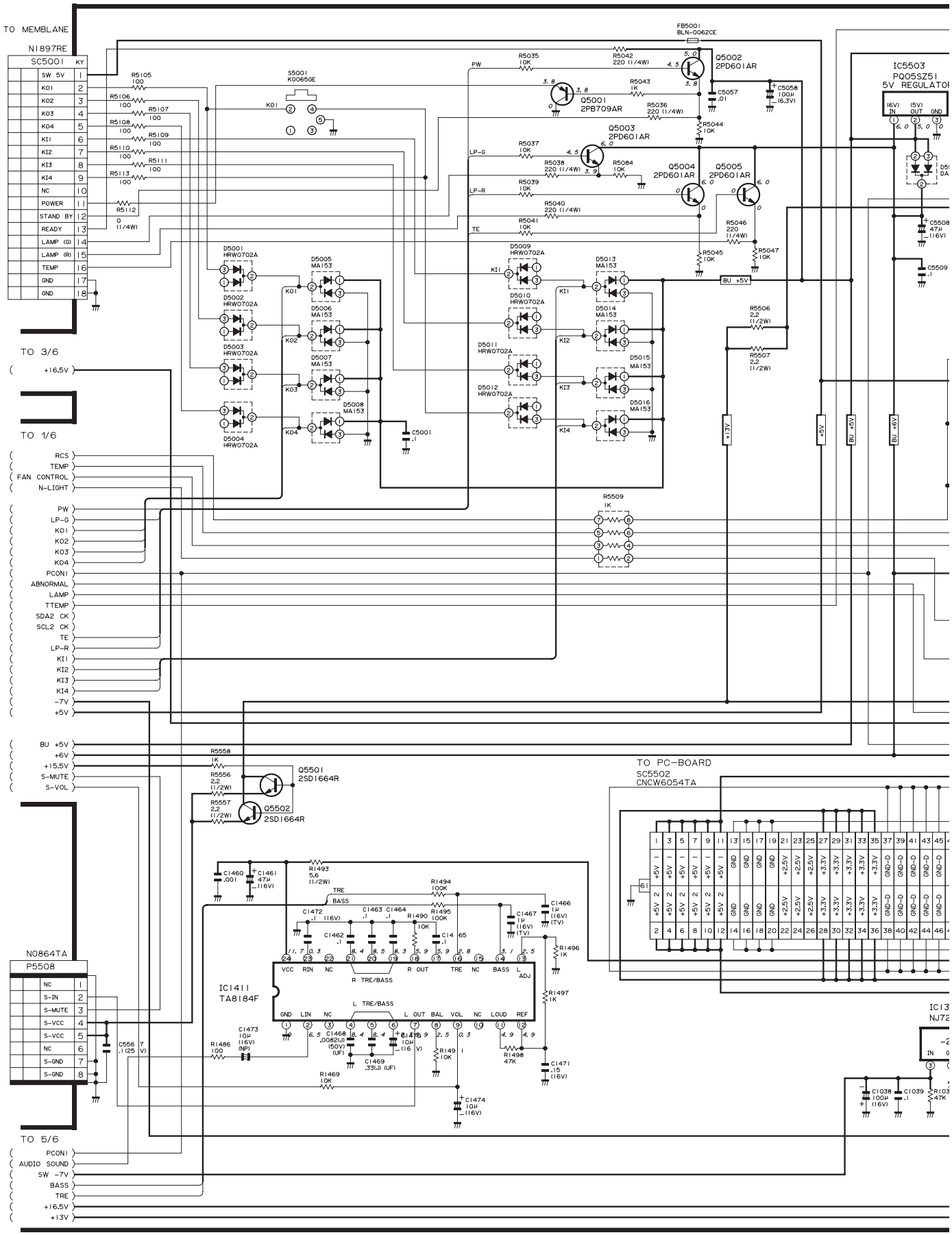
■ OUTPUT UNIT-5/6 / AUSGABEEINHEIT-5/6 输出电路装置-5/6

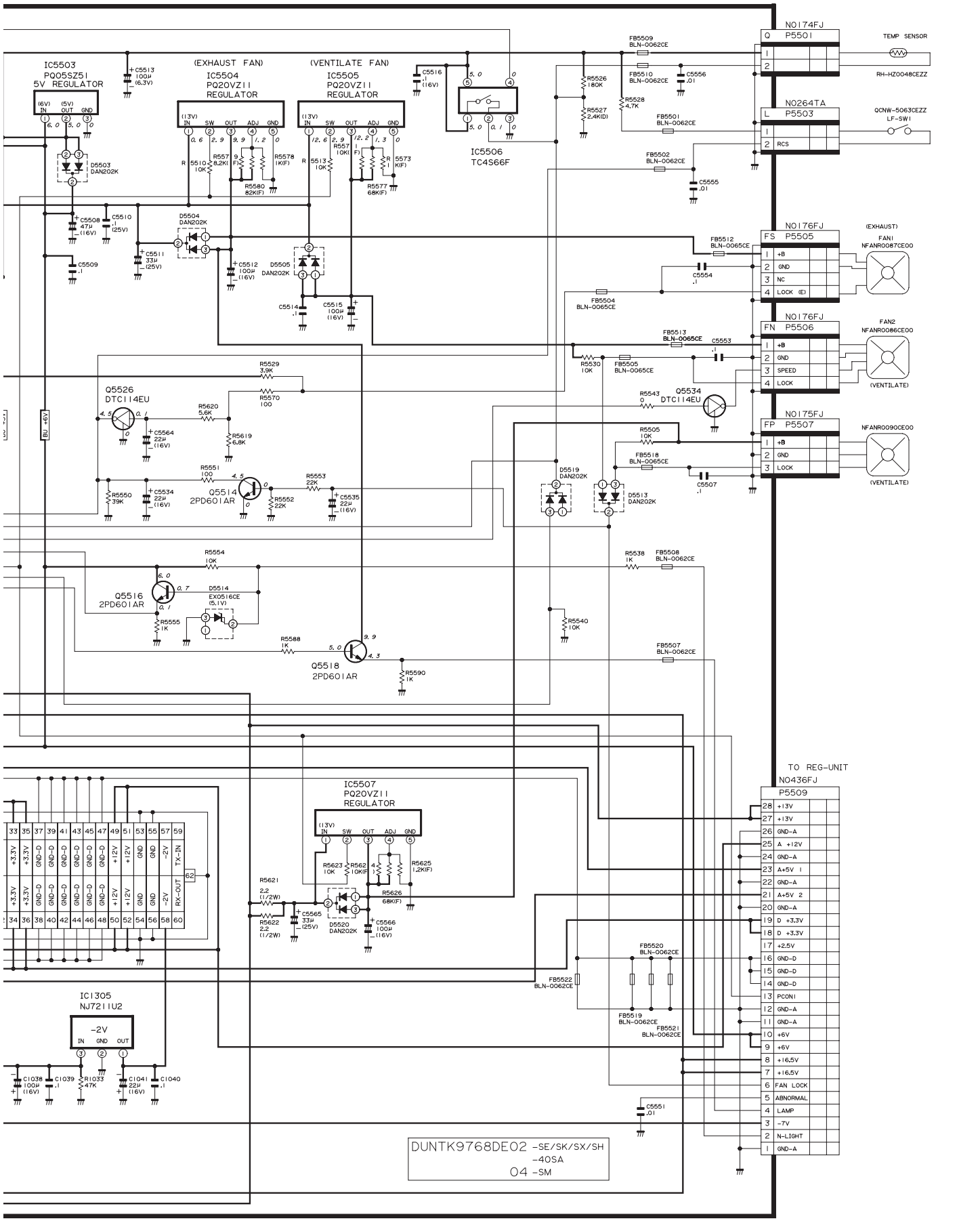




10	11	12	13	14	15	16	17	18	19

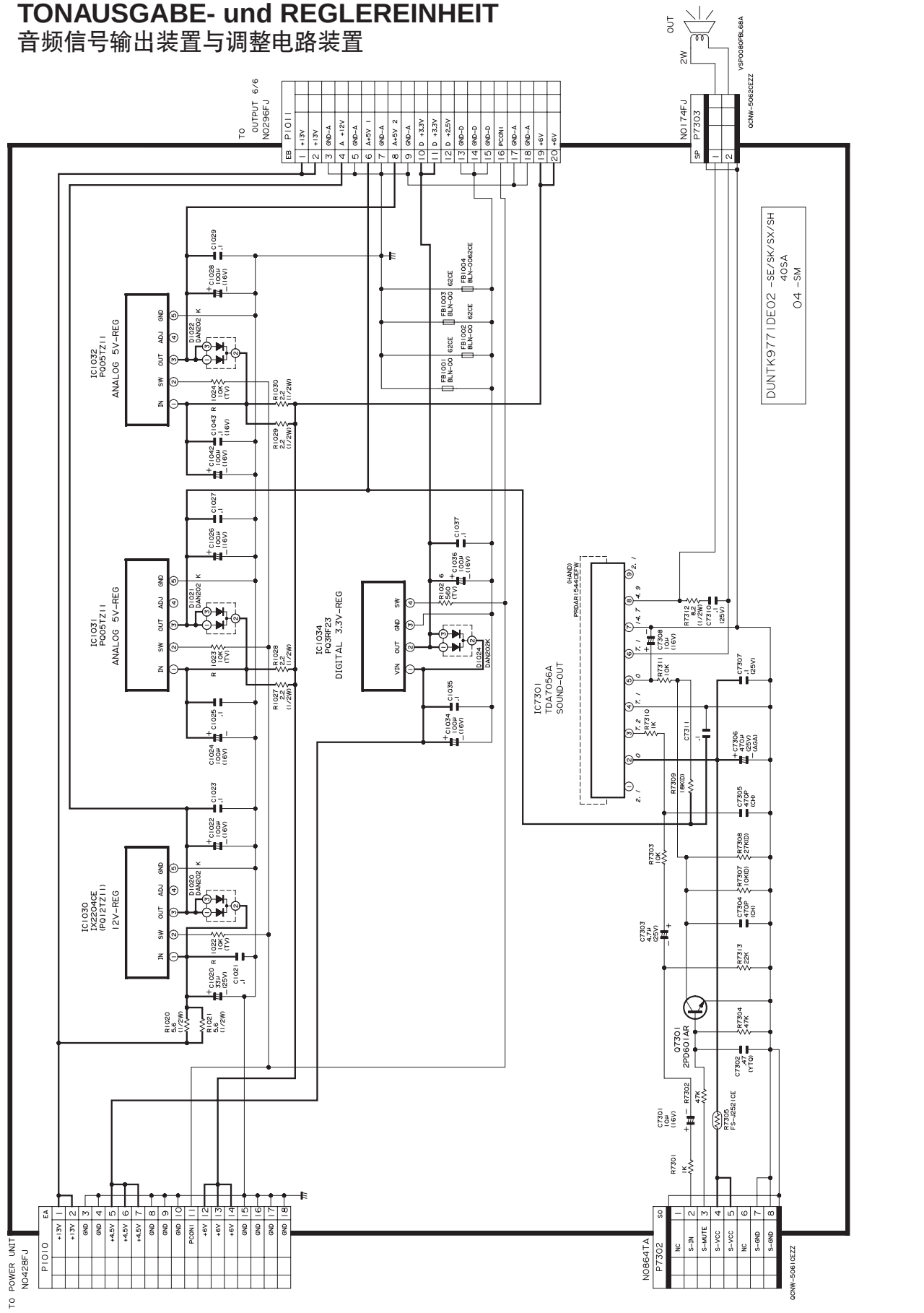
■ OUTPUT UNIT-6/6 / AUSGABEEINHEIT-6/6 输出电路装置-6/6



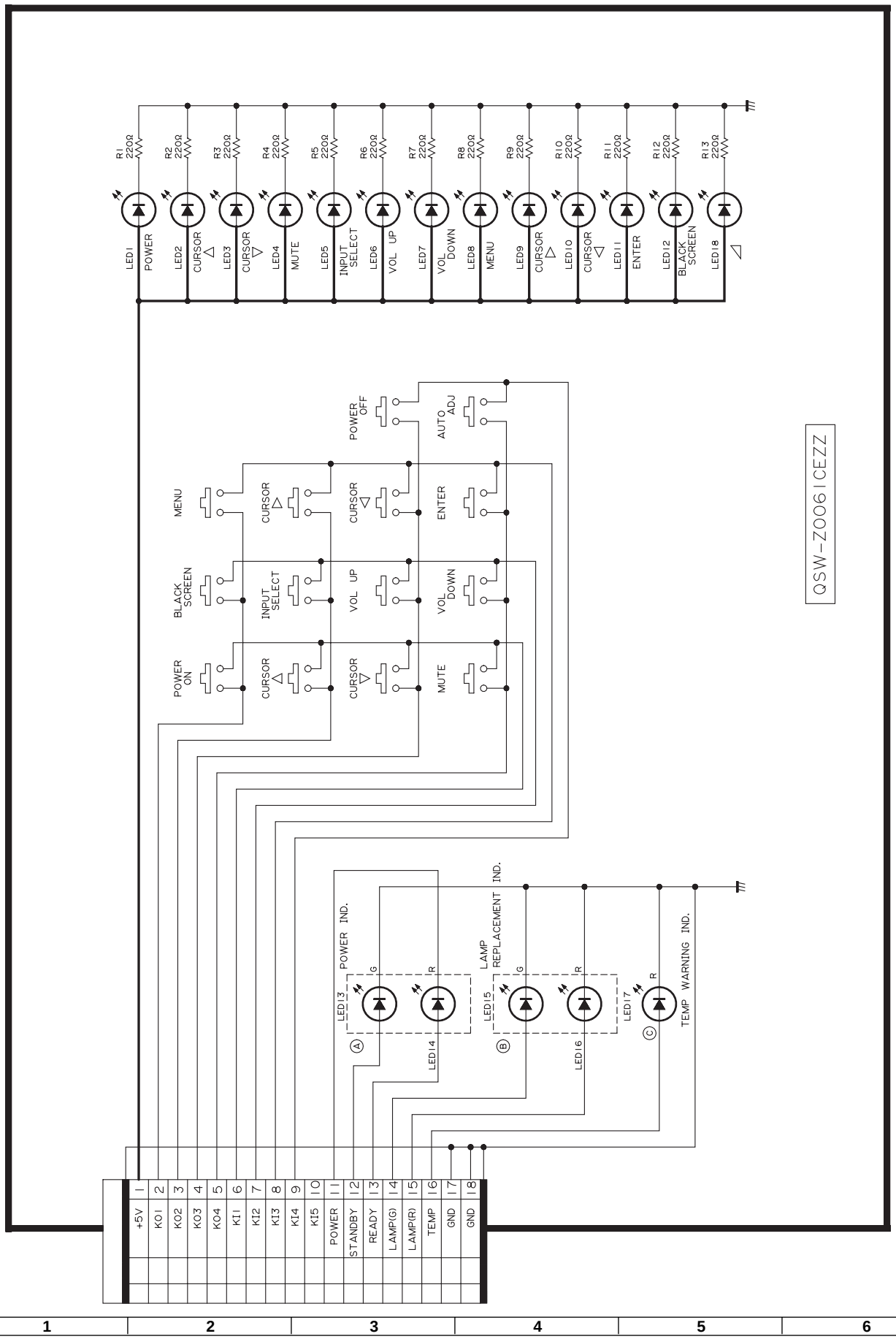


10	11	12	13	14	15	16	17	18	19

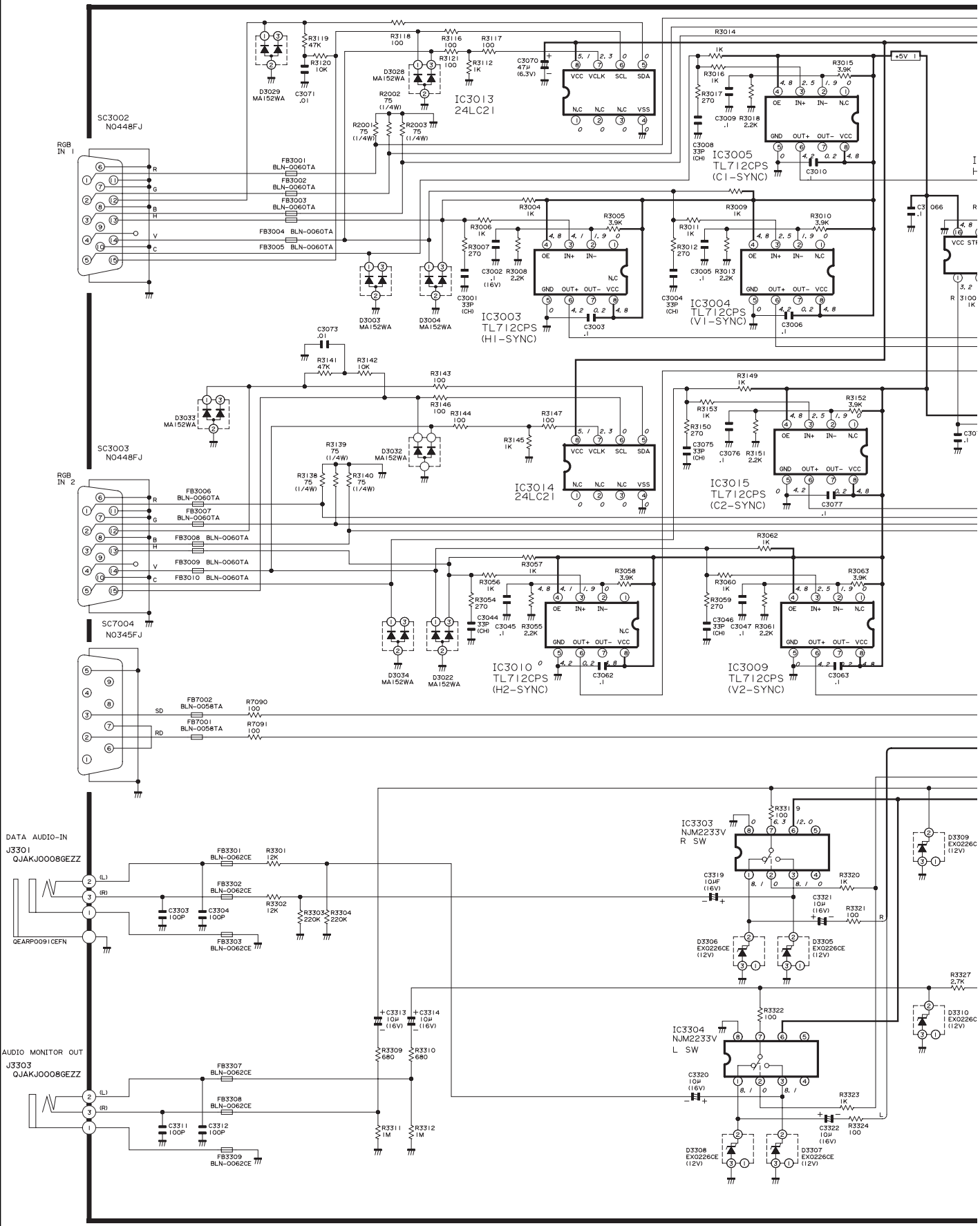
■ SOUND OUT and REGURATOR UNIT / TONAUSGABE- und REGLEREINHEIT
音频信号输出装置与调整电路装置

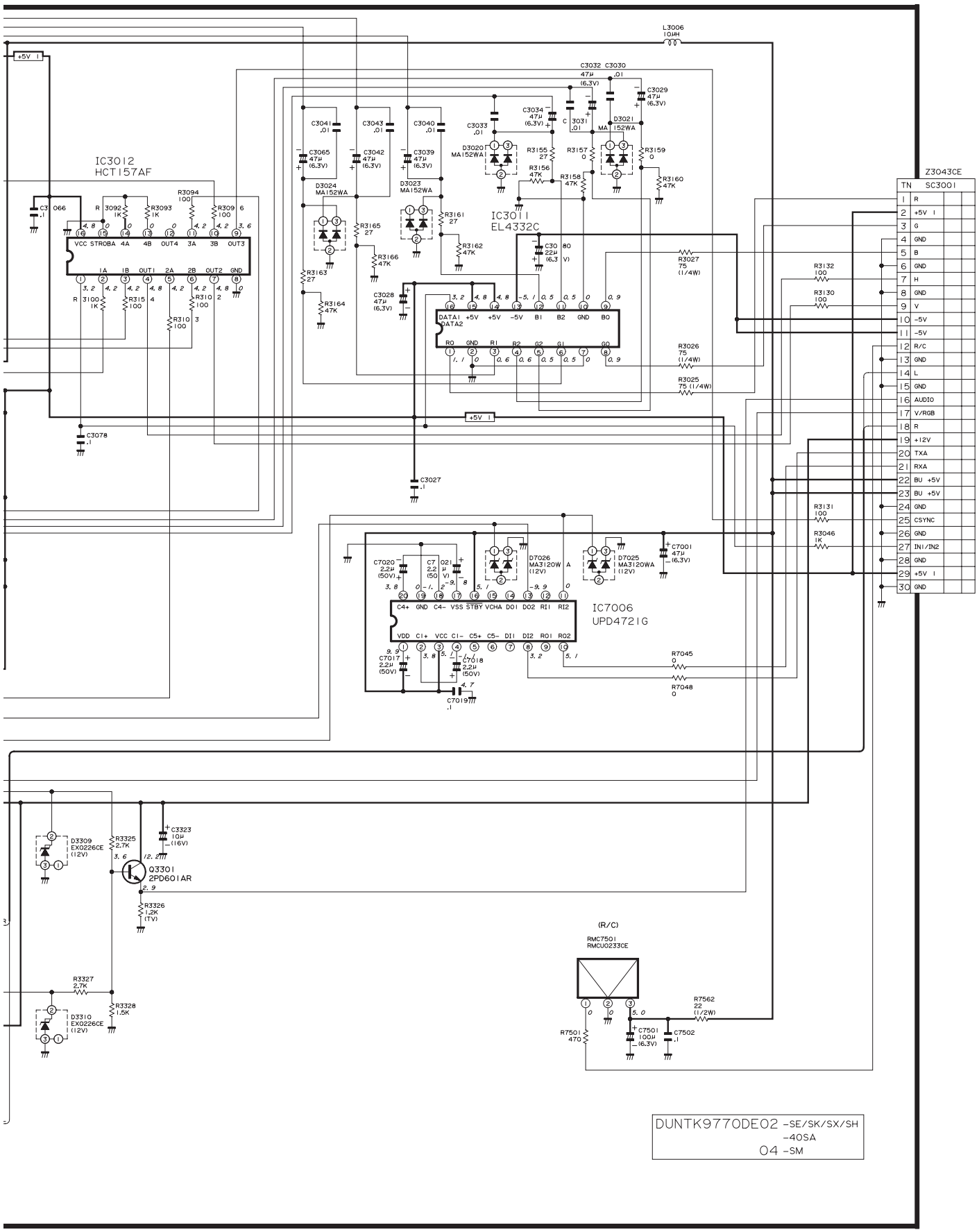


■ OPERATION KEY UNIT / BEDIENUNGSTASTENEINHEIT 操作键装置



■ PC TERMINAL UNIT / PC-ANSCHLUßEINHEIT PC插接电路装置

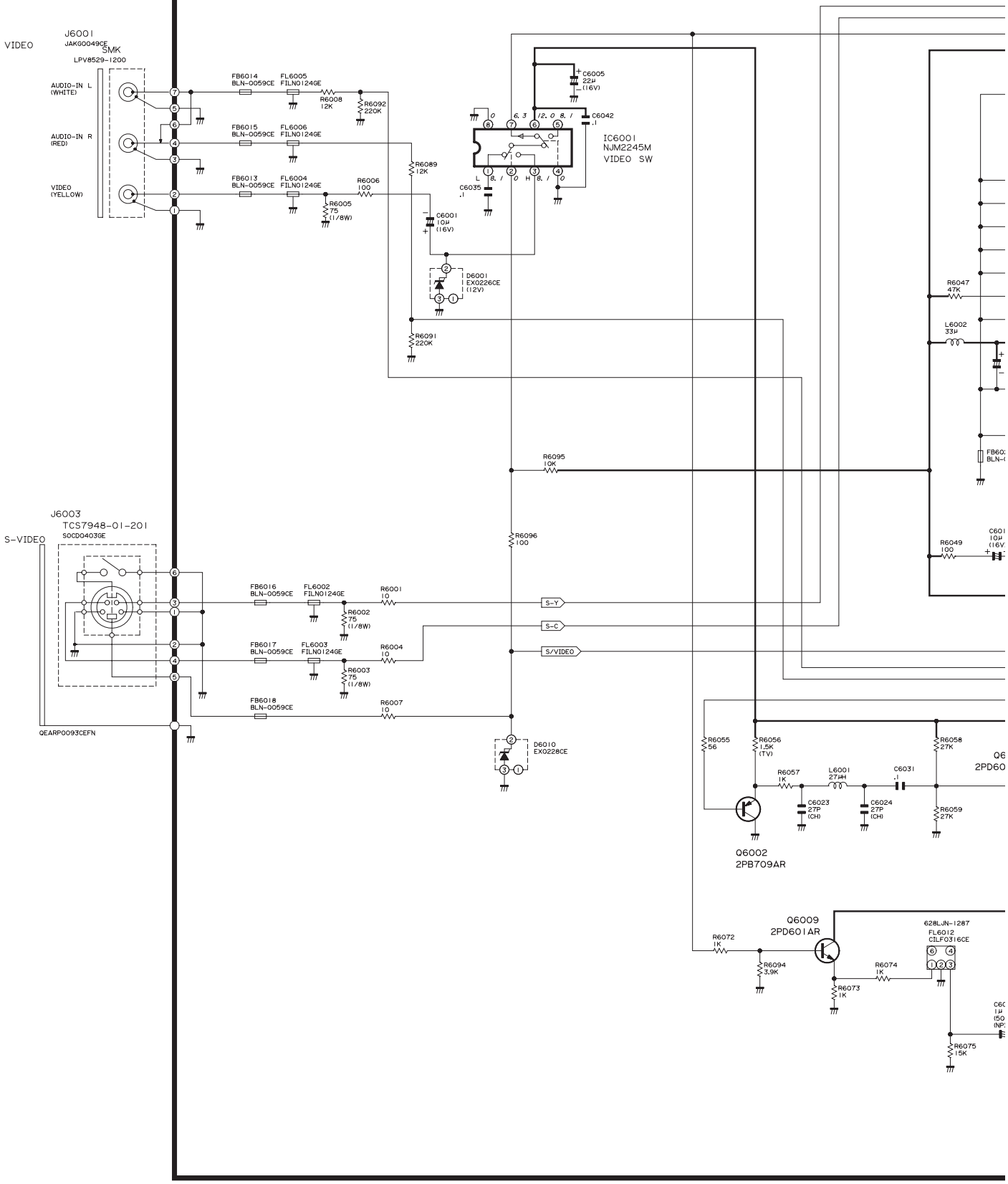


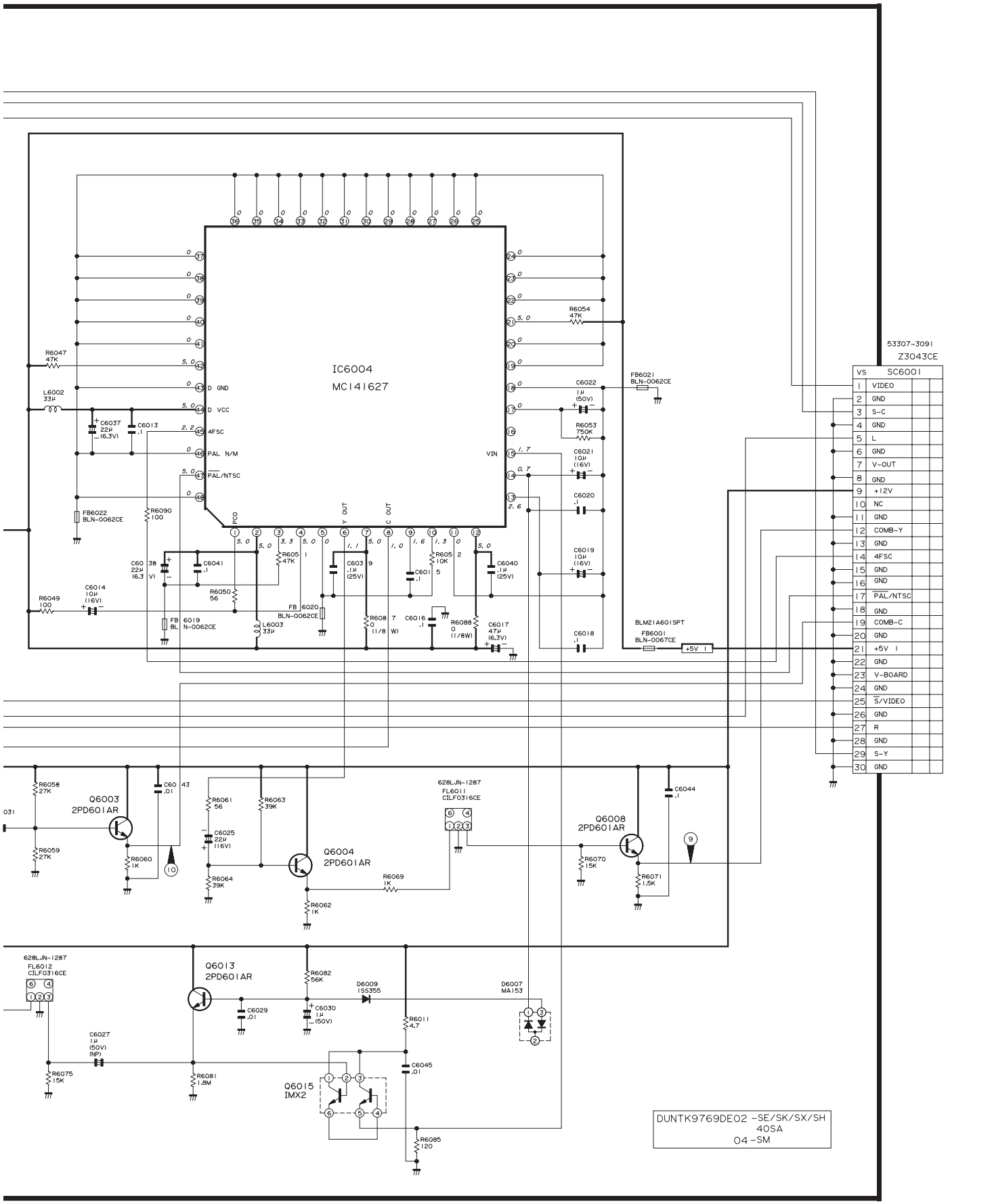


10	11	12	13	14	15	16	17	18	19

■ VIDEO UNIT / VIDEOEINHEIT 视频电路装置

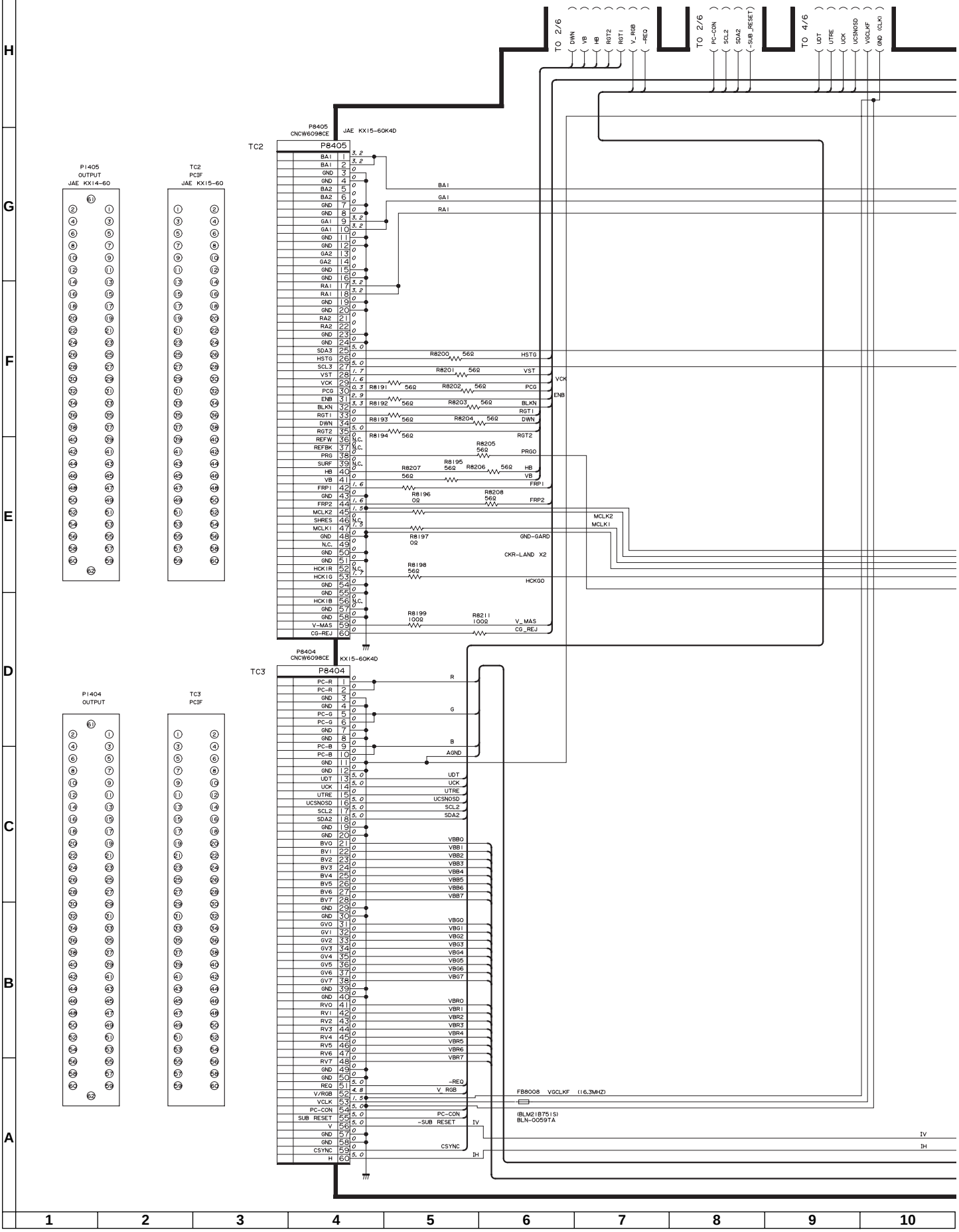
Note: (for XG-NV4SM, XG-NV40SA as well as AUSTRALIA, NEW ZEALAND and HONG KONG versions of XG-NV4SE)

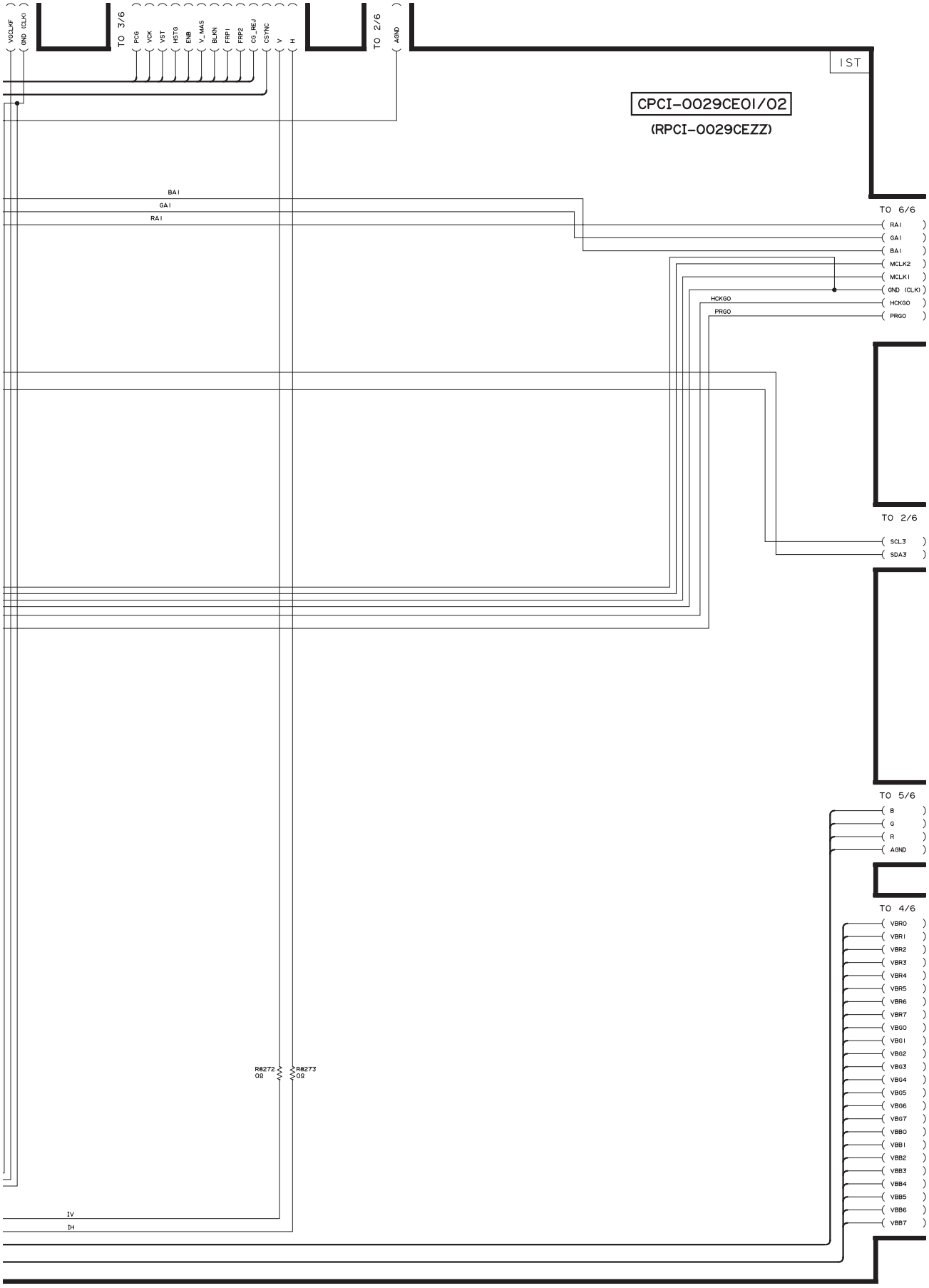




10	11	12	13	14	15	16	17	18	19

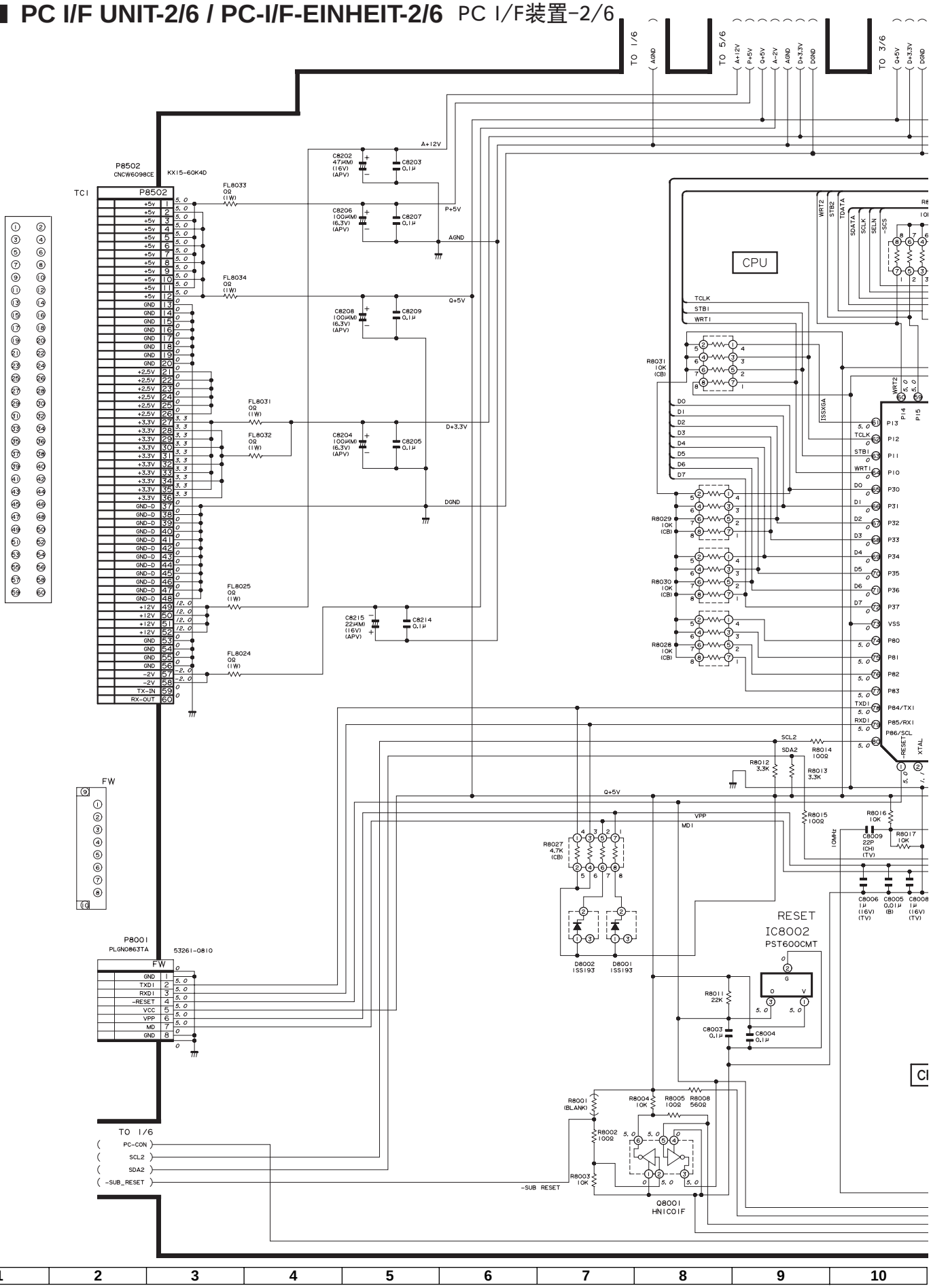
■ PC I/F UNIT-1/6 / PC-I/F-EINHEIT-1/6 PC I/F装置-1/6

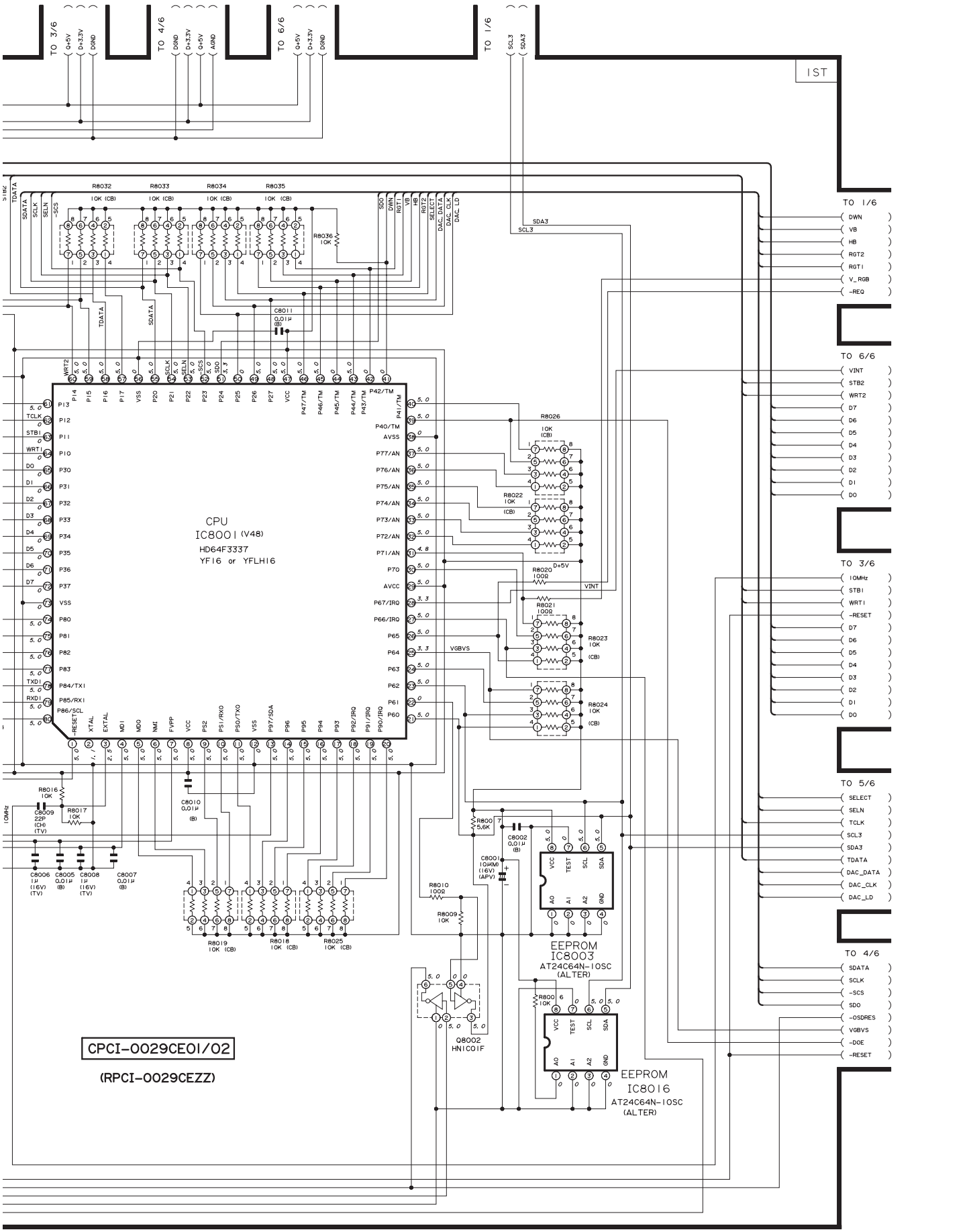




10	11	12	13	14	15	16	17	18	19

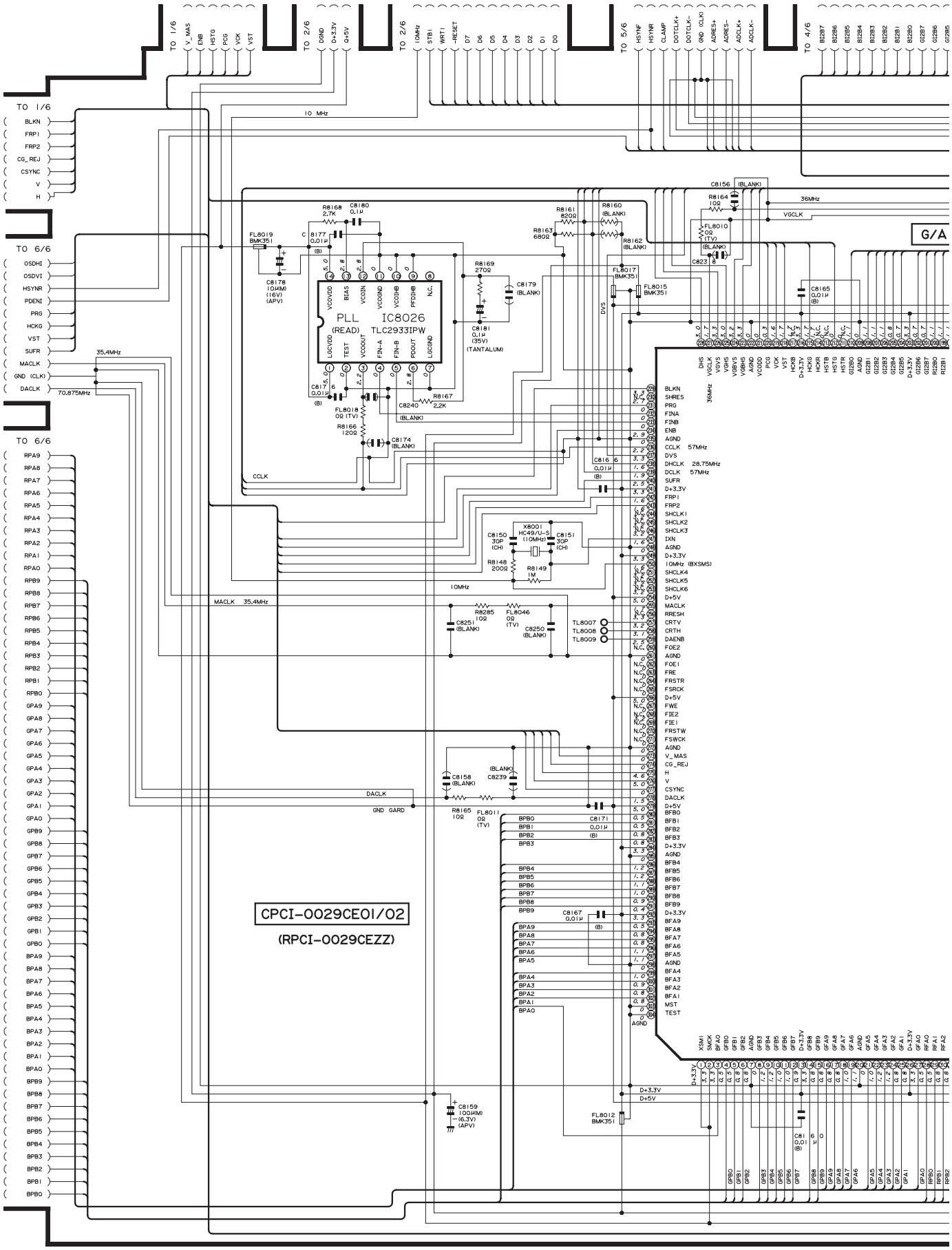
■ PC I/F UNIT-2/6 / PC-I/F-EINHEIT-2/6 PC I/F装置−2/6

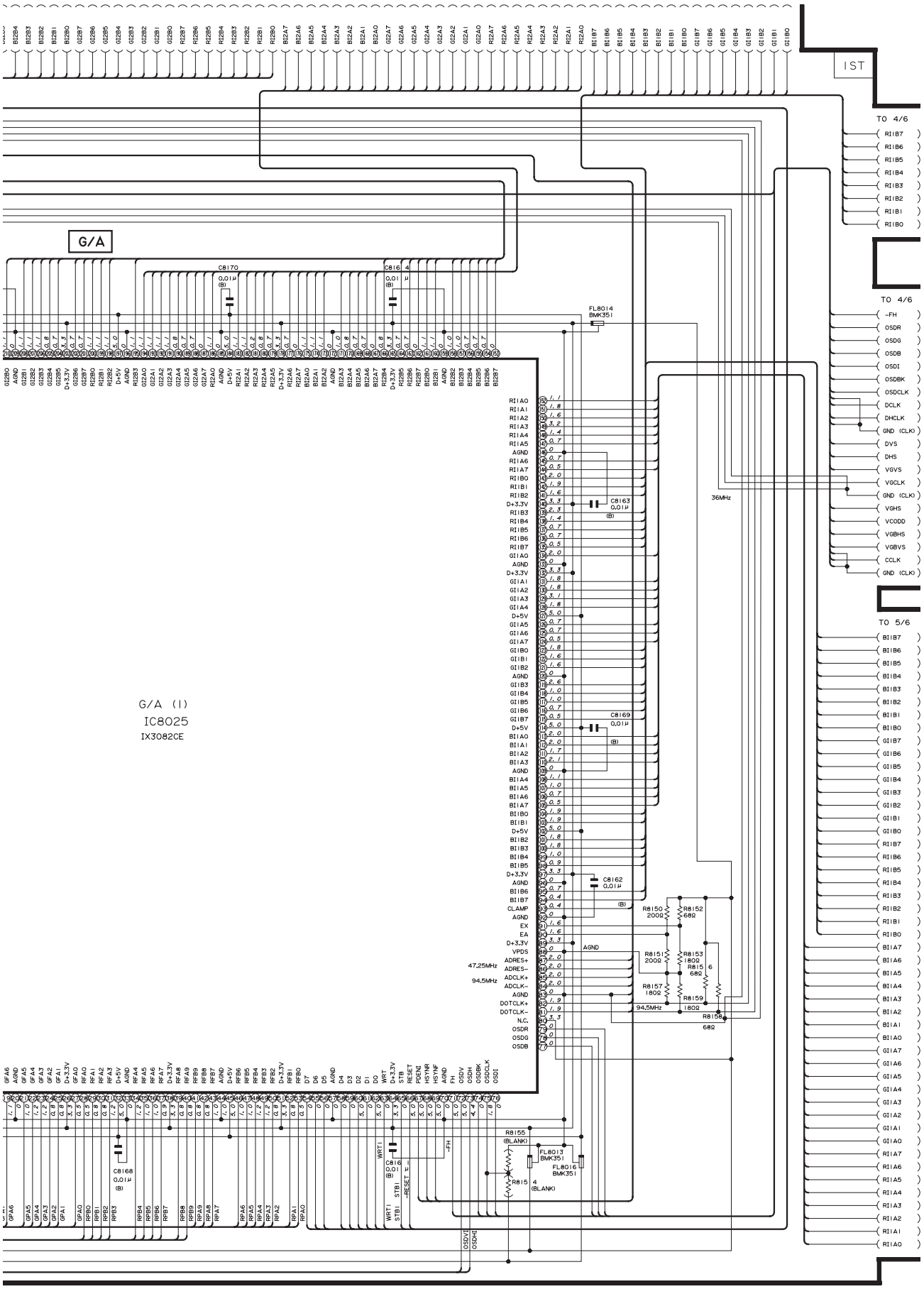




10	11	12	13	14	15	16	17	18	19

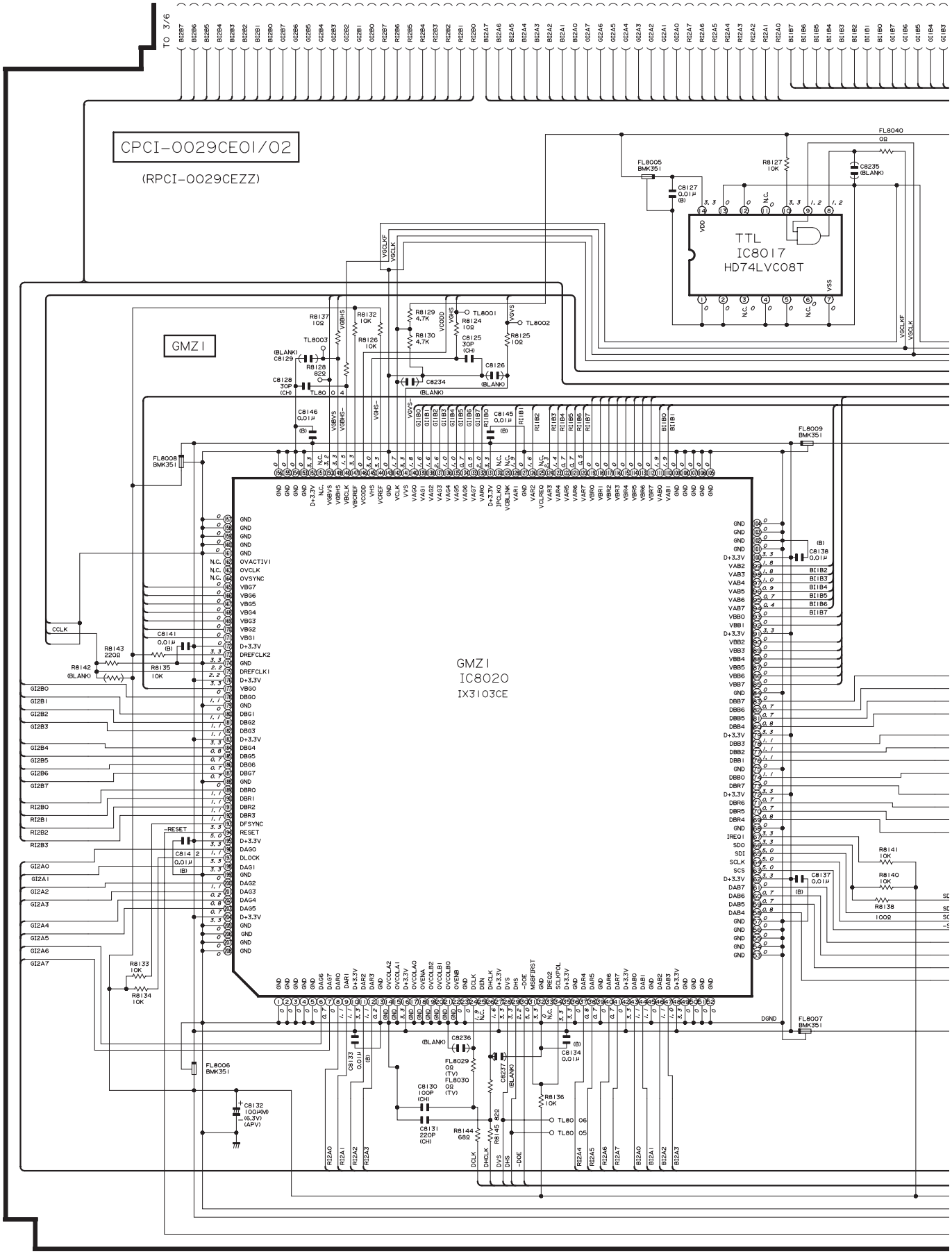
■ PC I/F UNIT-3/6 / PC-I/F-EINHEIT-3/6 PC I/F装置-3/6

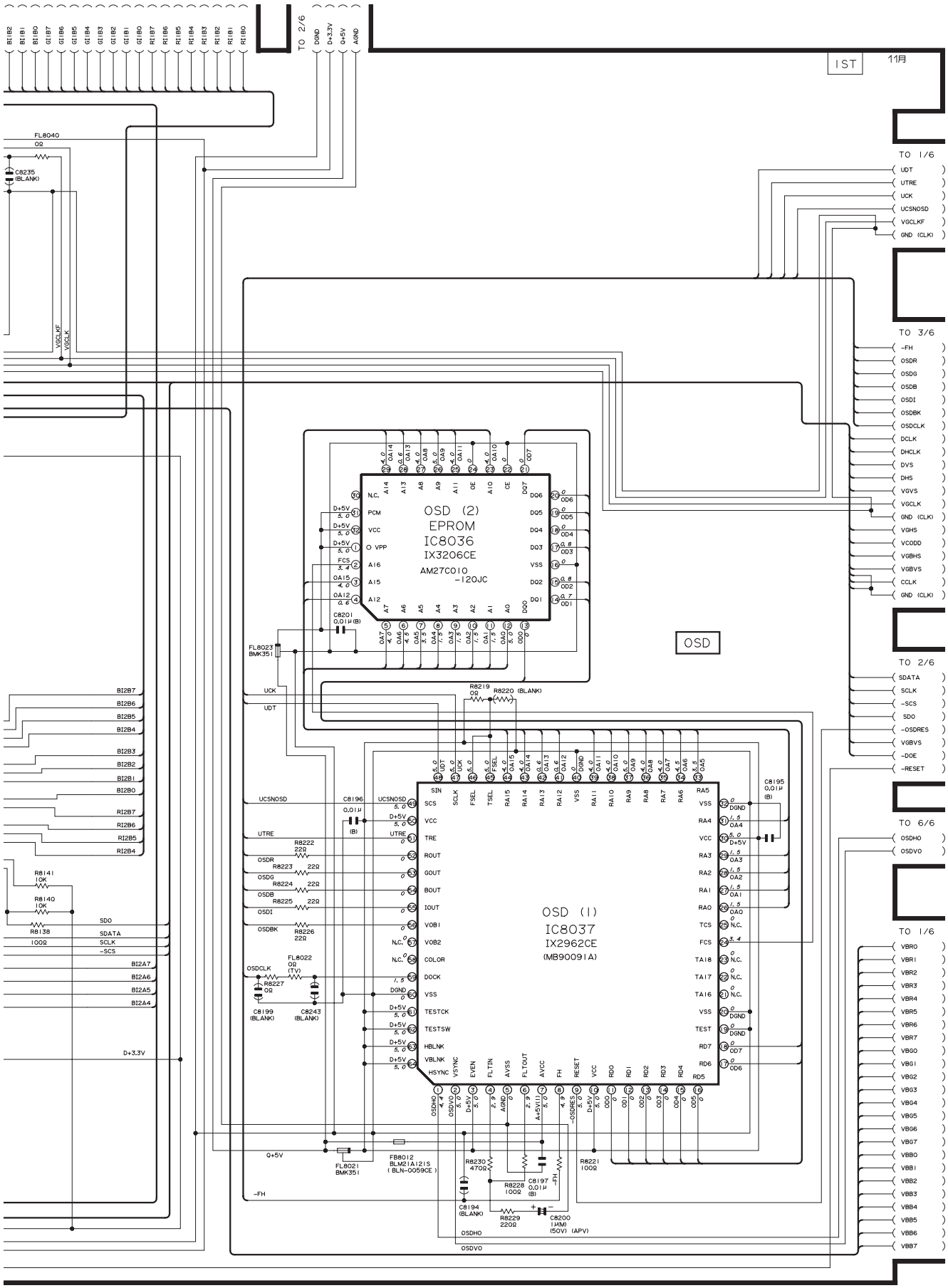




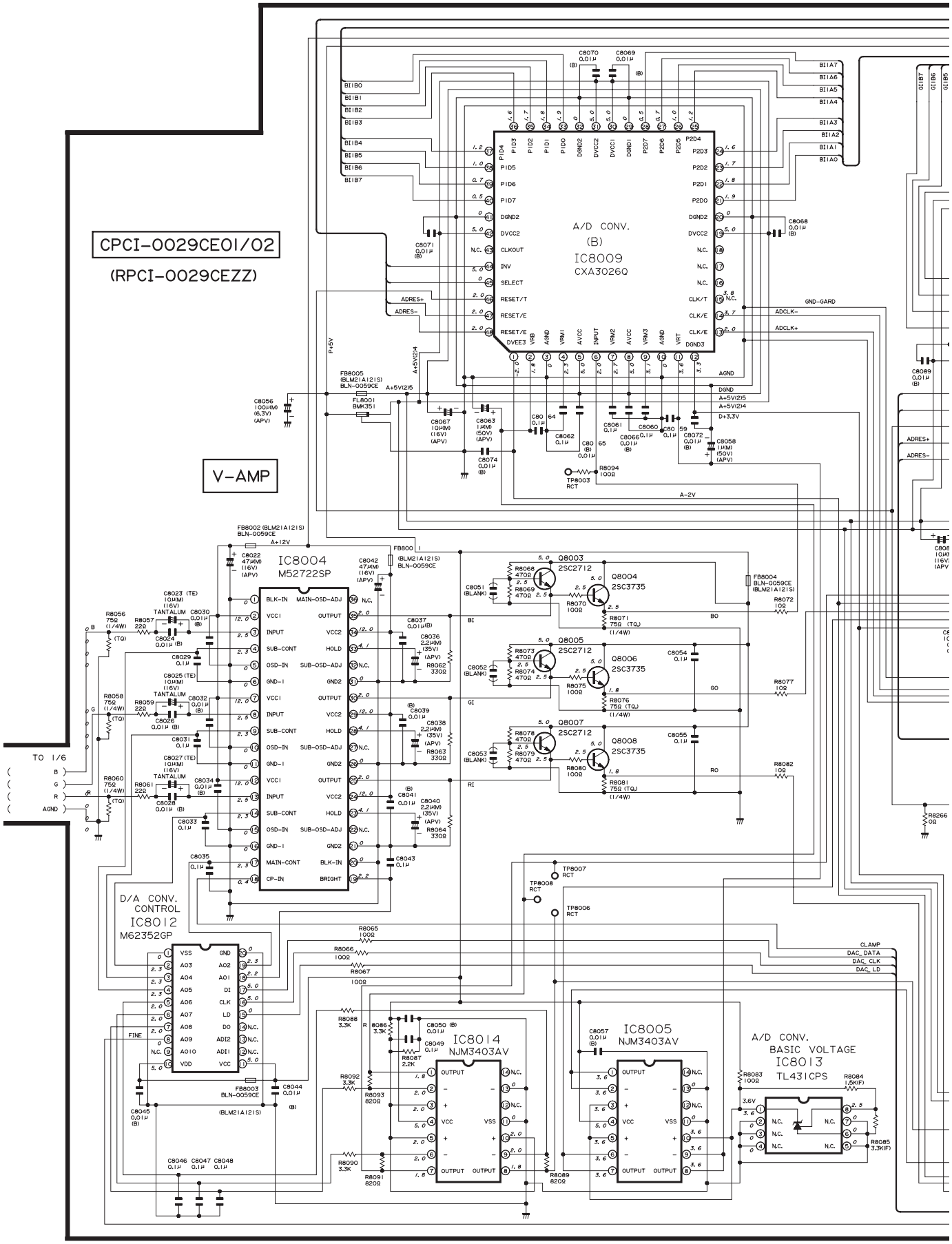
10	11	12	13	14	15	16	17	18	19

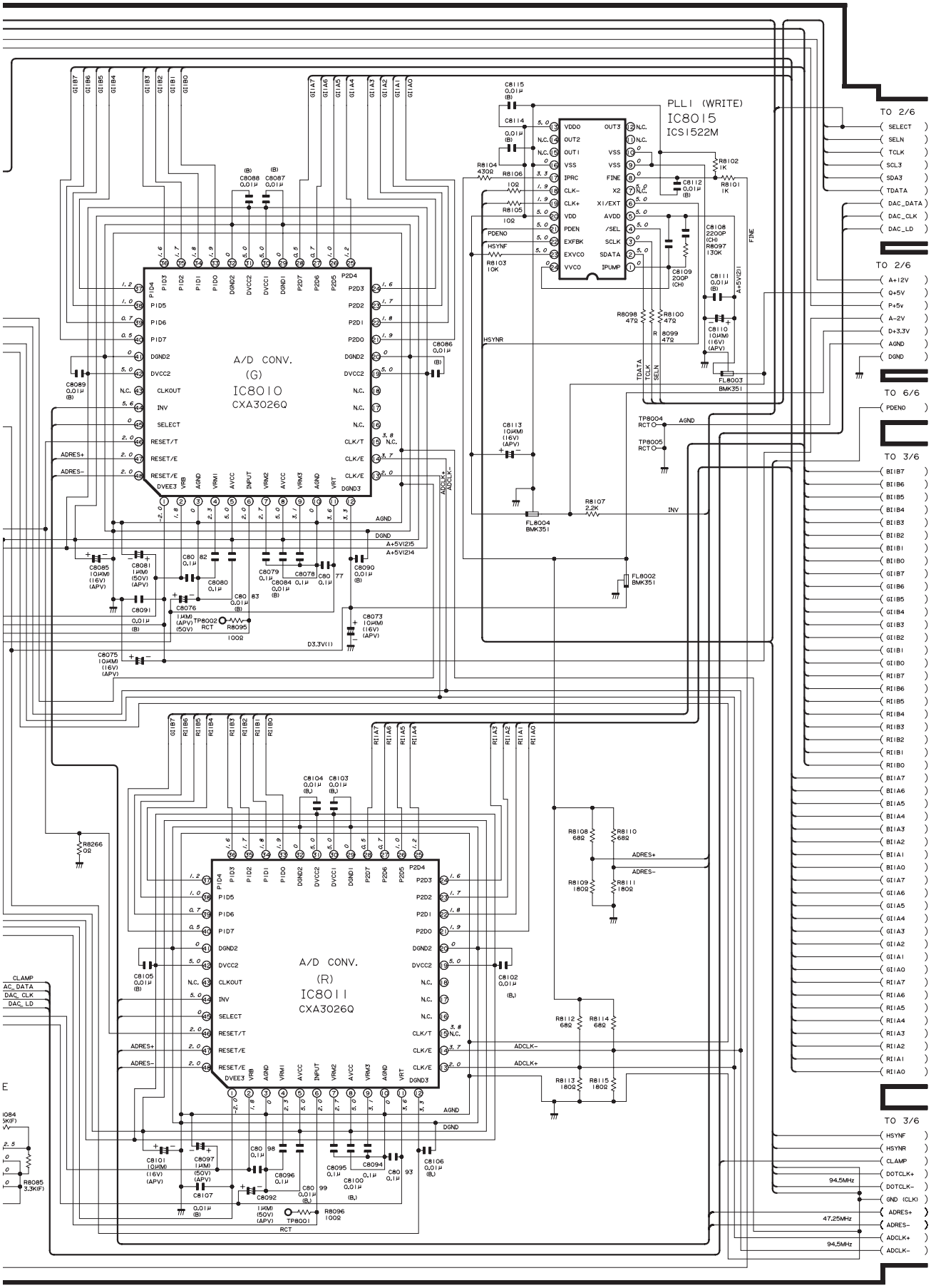
■ PC I/F UNIT-4/6 / PC-I/F-EINHEIT-4/6 PC I/F装置-4/6




TO 2/6
TO 1/6
TO 3/6
TO 2/6
TO 6/6
TO 1/6
OSD (2)
EPROM
IC8036
IX3206CE
AM27C010
-120JC
OSD (1)
IC8037
IX2962CE
(MB90091A)
OSD
1ST
11月

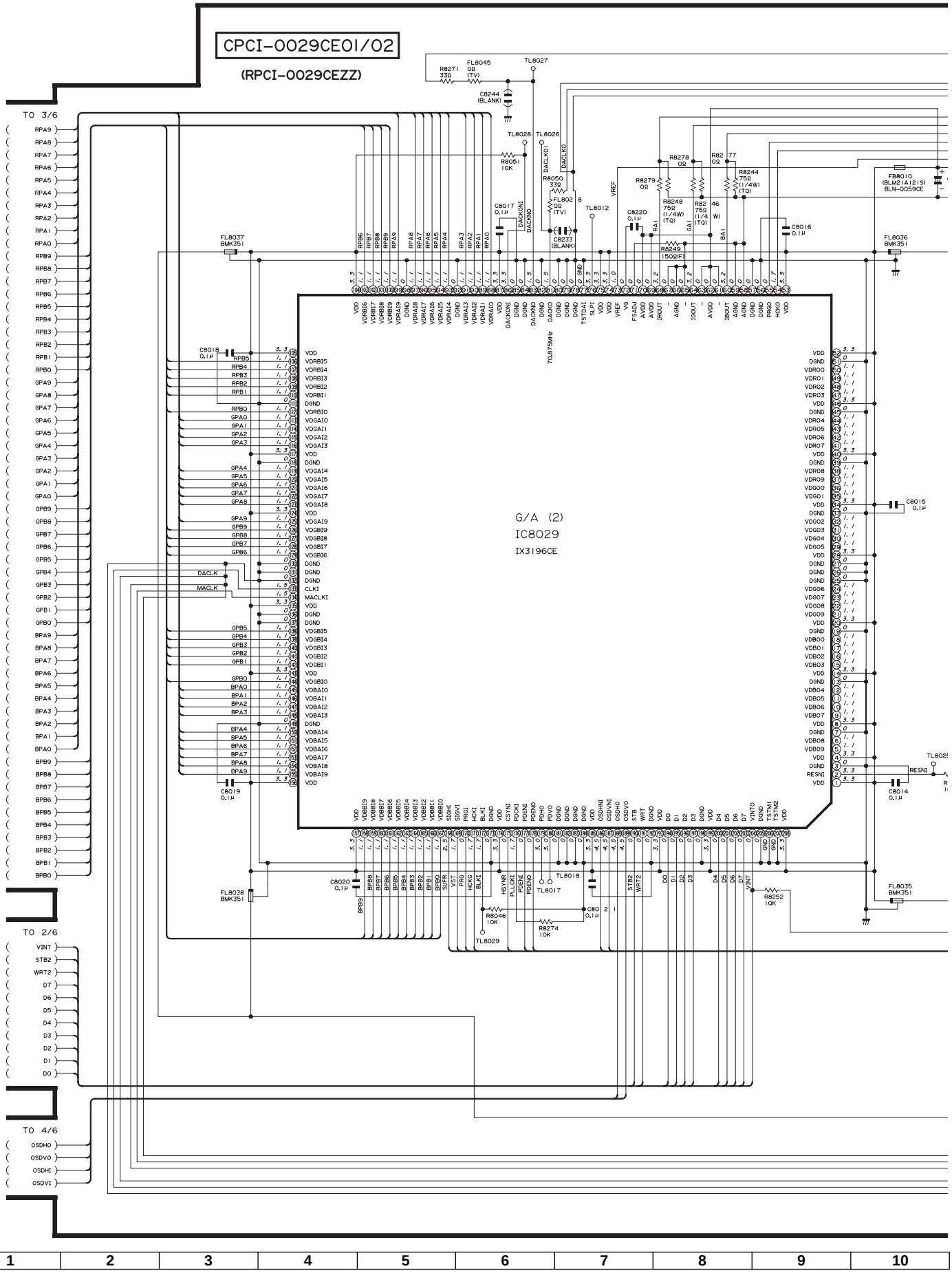
■ PC I/F UNIT-5/6 / PC-I/F-EINHEIT-5/6 PC I/F装置-5/6

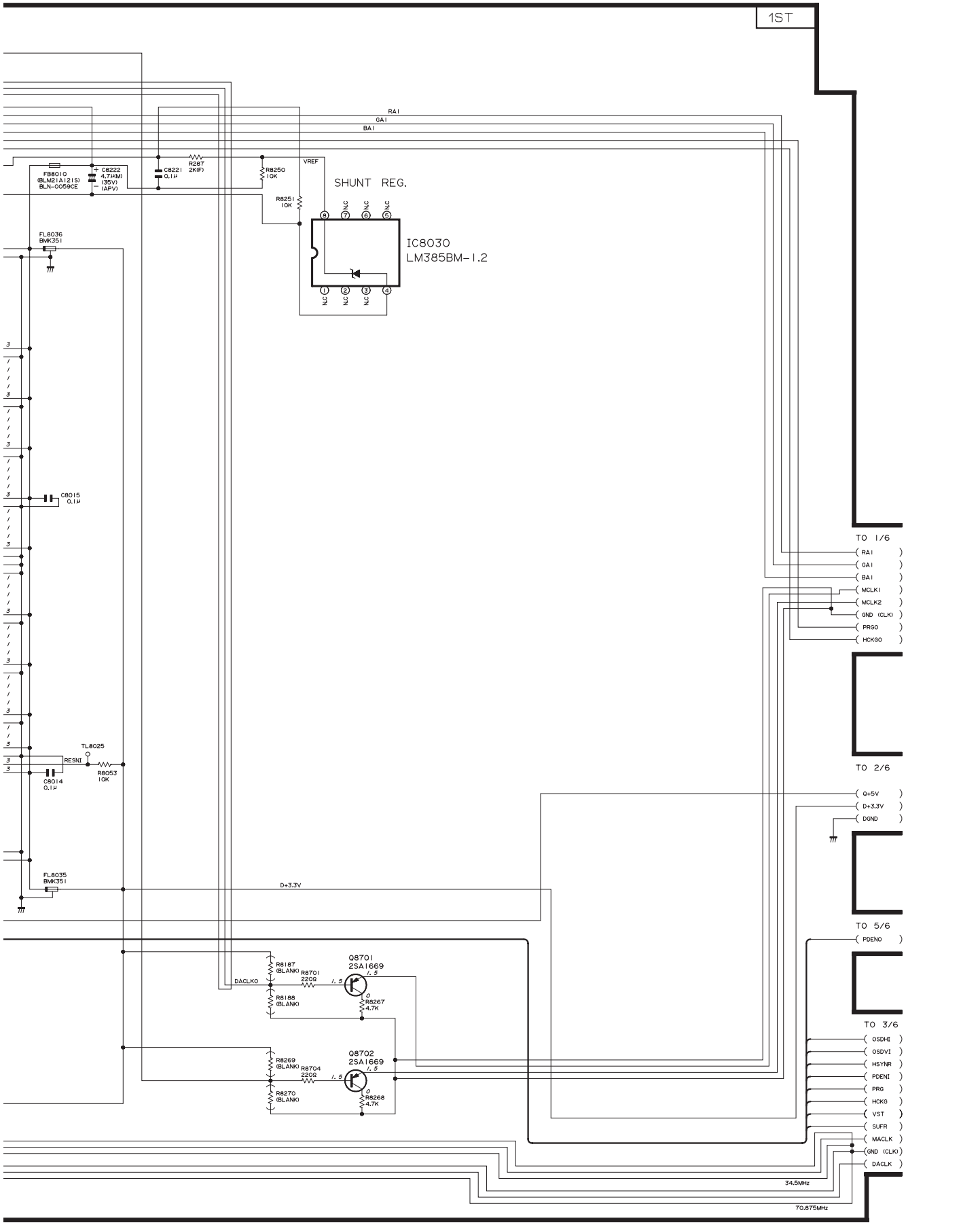




10	11	12	13	14	15	16	17	18	19

■ PC I/F UNIT-6/6 / PC-I/F-EINHEIT-6/6 PC I/F装置-6/6





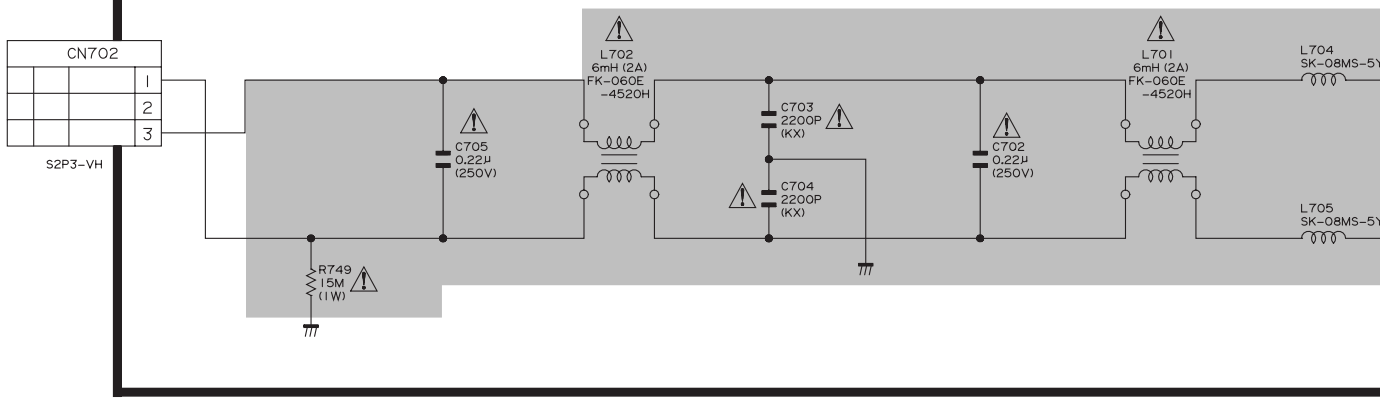
10	11	12	13	14	15	16	17	18	19

■ INLET and POWER UNIT -A / EINGANGS- und NETZEINHEIT-A

输入电路装置和电源电路装置-A

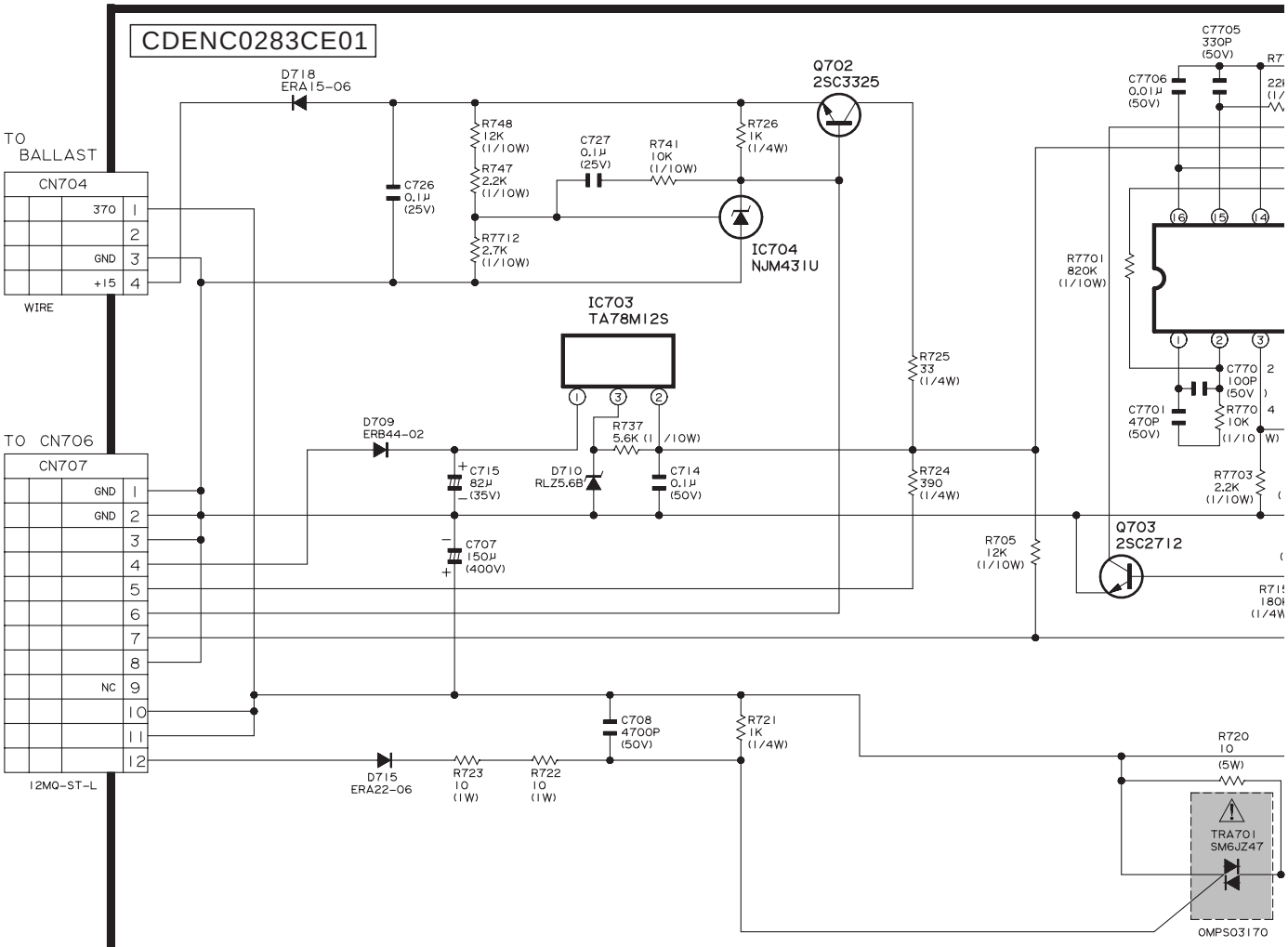
(INLET)

RUNTK0647CEZZ



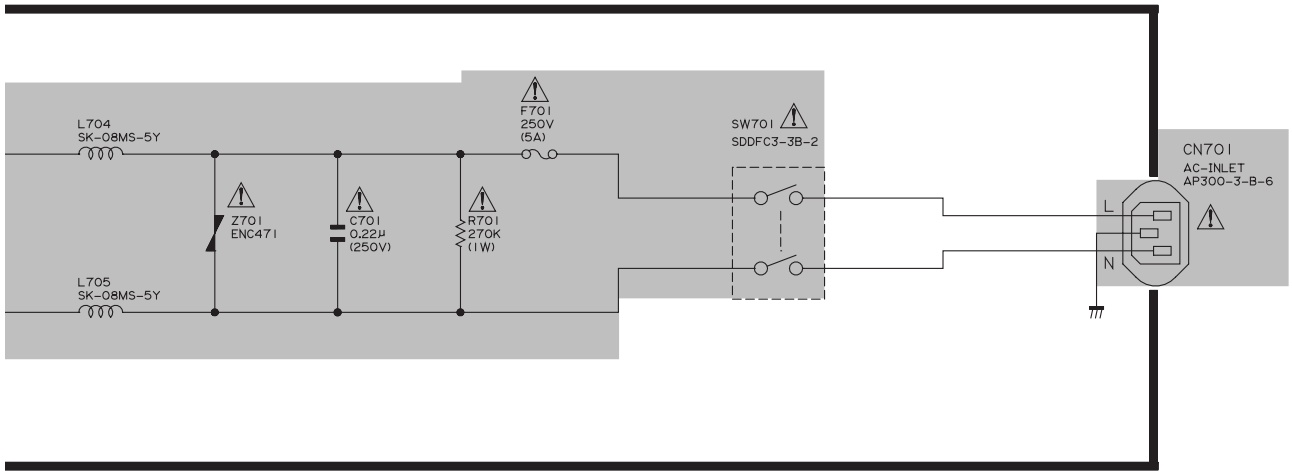
(POWER) PWB-A

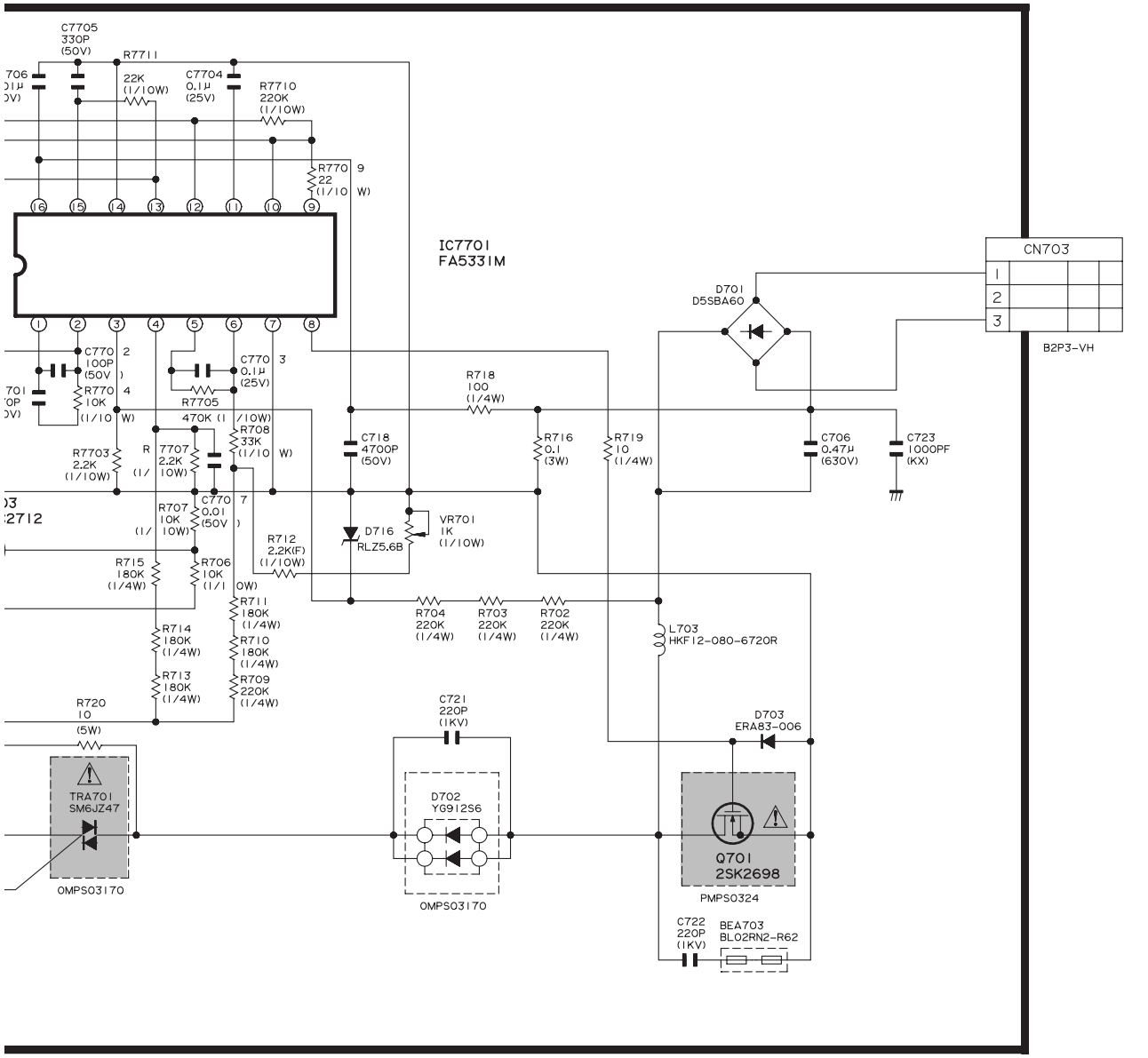
CDENC0283CE01



THIS AREA IS HOT SIDE

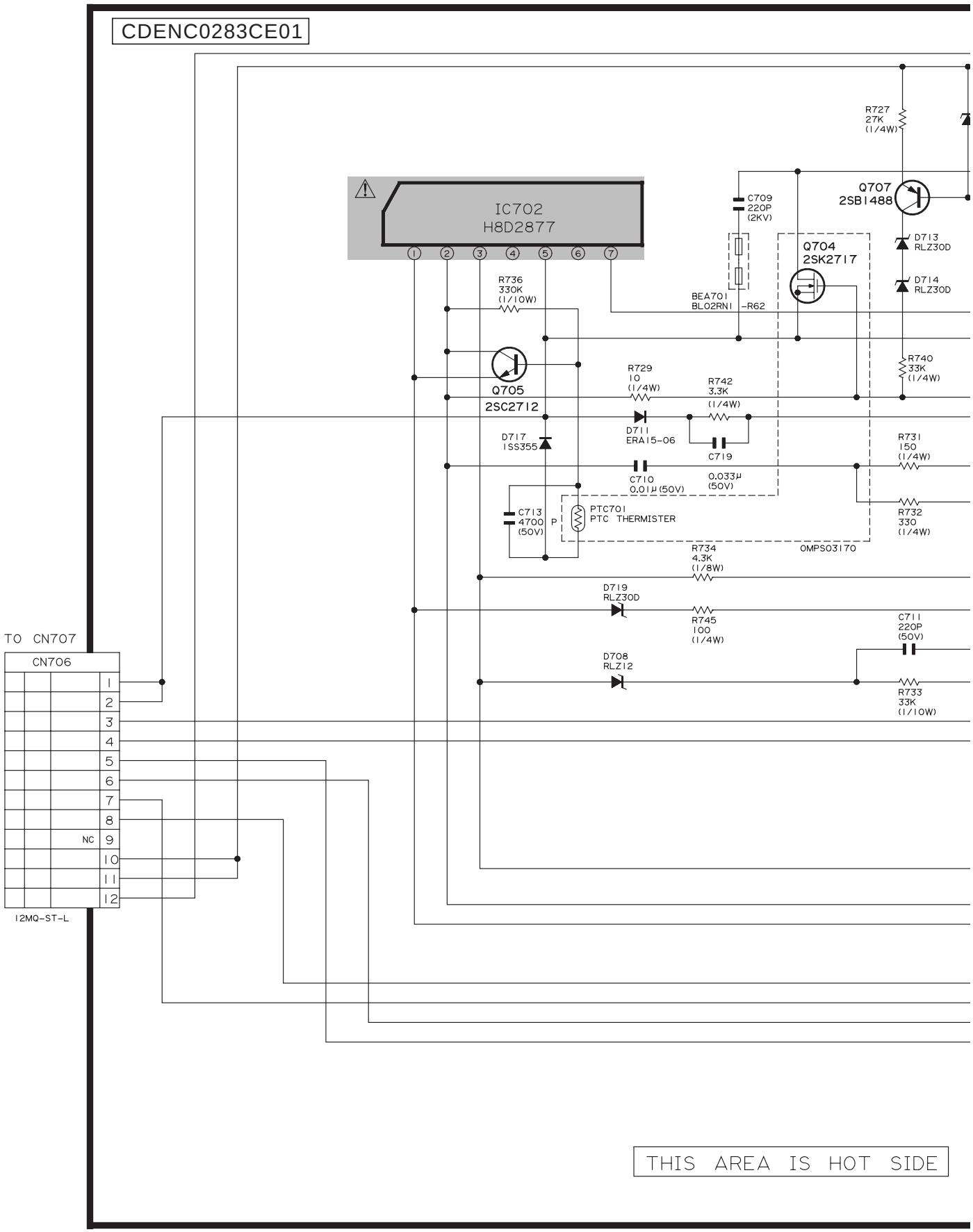
1	2	3	4	5	6	7	8	9	10

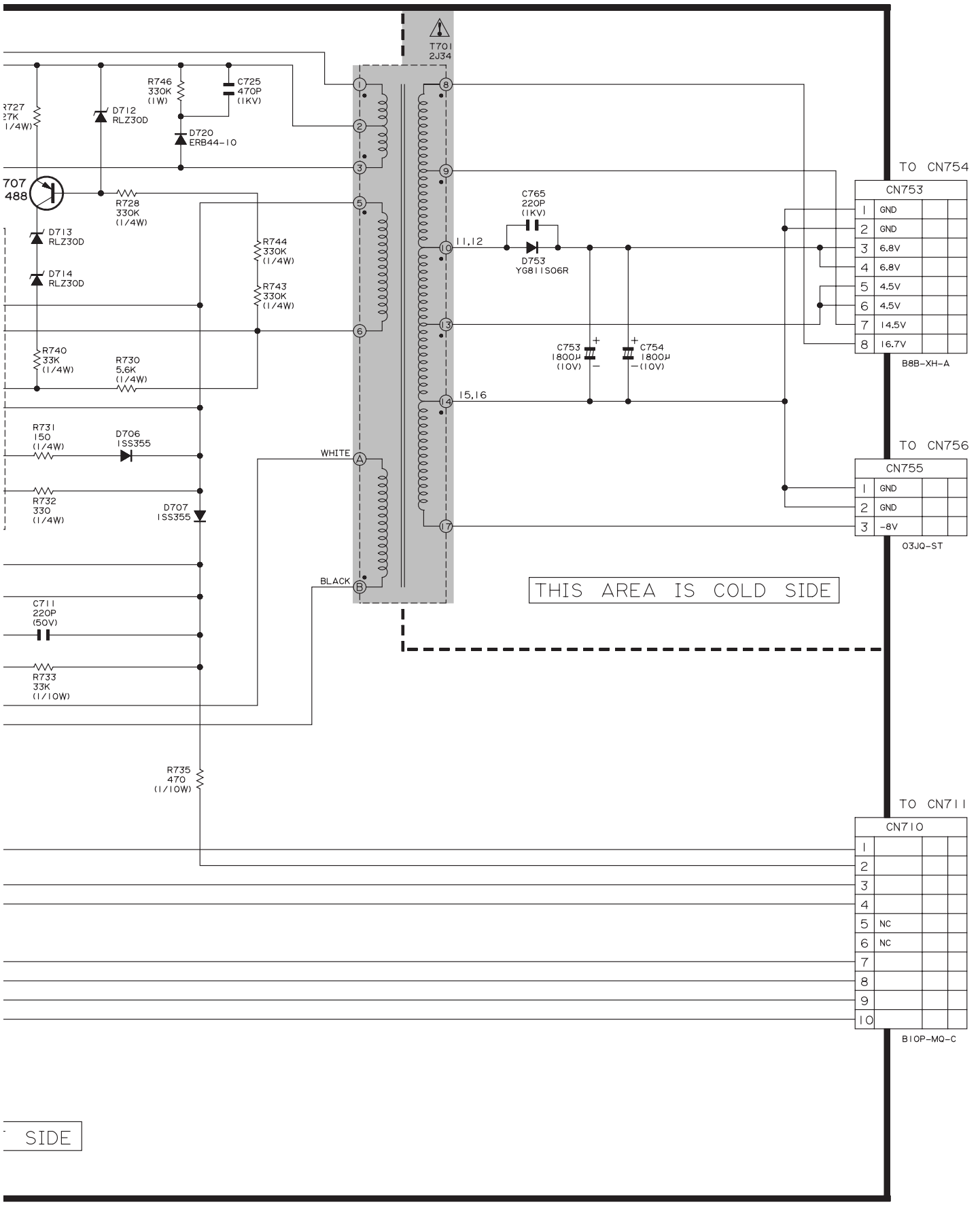




10	11	12	13	14	15	16	17	18	19

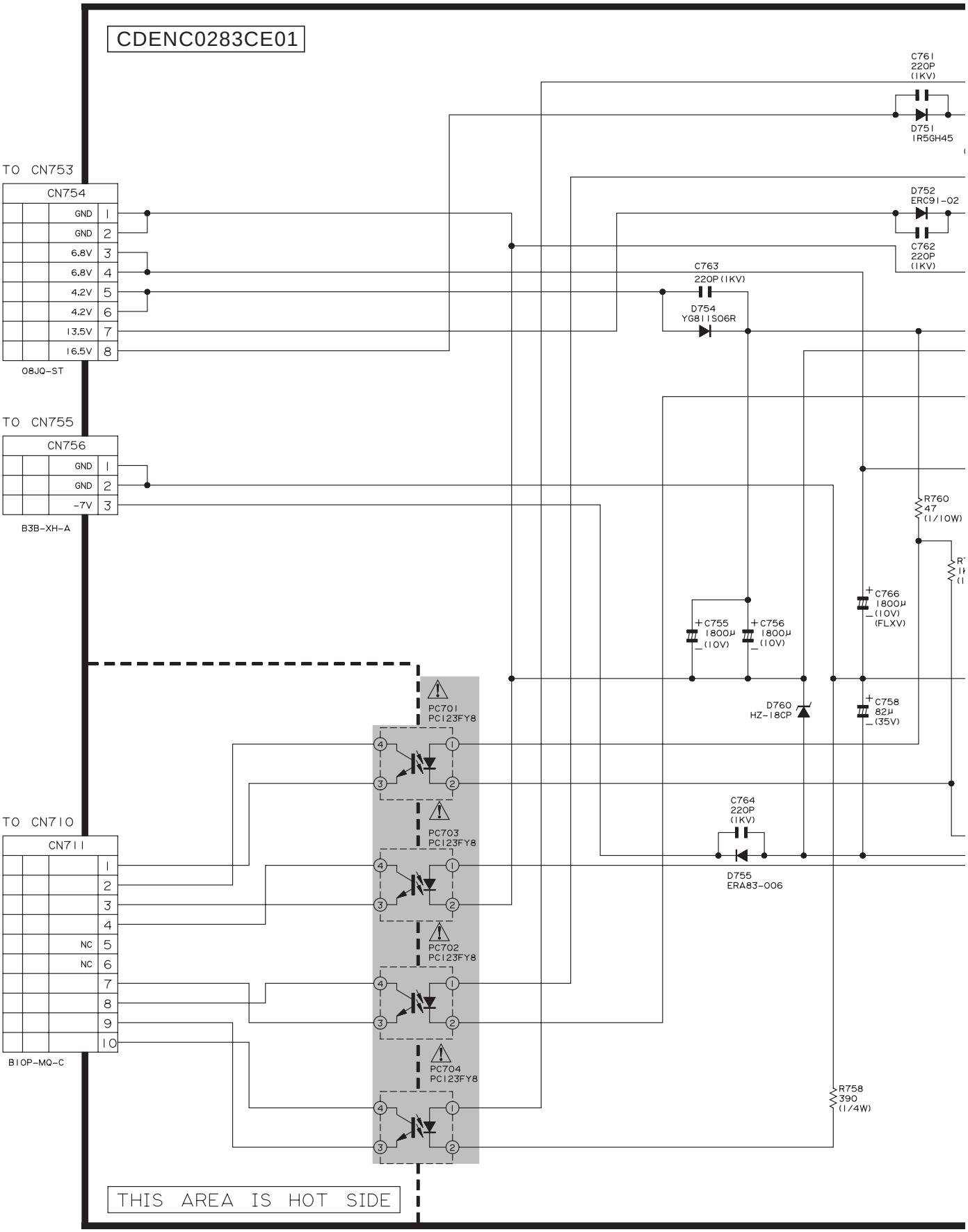
■ POWER UNIT -B / NETZEINHEIT-B 电源装置-B

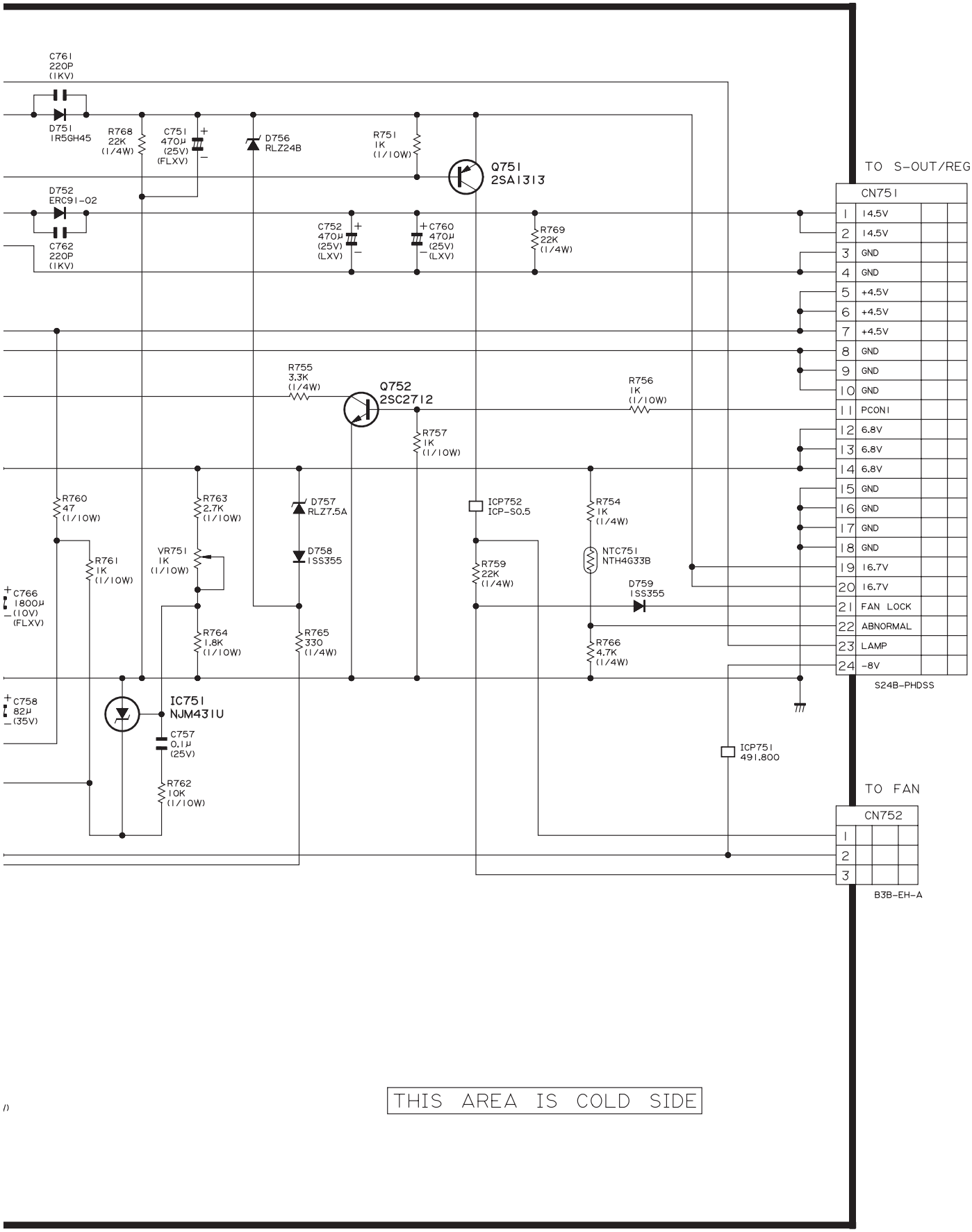




10	11	12	13	14	15	16	17	18	19

■ POWER UNIT -C / NETZEINHEIT-C 电源装置-C





10	11	12	13	14	15	16	17	18	19

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

MARK ★: SPARE PARTS-DELIVERY SECTION

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenshaften sind in den Ersatzteil durch "⚠" gekenn-zeichnet.
Der Gebrauch von Ersatzteilen, die nicht deselben Sicherheits-eigenschaften haben wie die vom Hersteller empfohlenen ud in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzeinschlägen, Bränden und anderen Gefahren werden.

"WIE MAN ERSATSTEILE BESTELLT"

Damit Ihre Bestellung promt und korrekt ausgeführt wird, geben Sie bitte folgende Informationen.

1. MODELL NR.
2. REF. NR.
3. ERSATZTEIL NR.
4. BESCHREIBUNG
5. KODE
6. QUANTITÄT

MARKIERUNG ★: ERSATZTEILE-LIEFERUNG

更换零件表

更换零件

本维修手册对具有特别安全要求的零件均用标记加以识别：
在此更换零件表中，具有特别安全要求的电路元件均用 ⚠ 标记，以便注意识别。更换零件时，为了用户的安全以及液晶投影机原有的工作性能，务请使用夏普规定零件。否则，可能有导致触电、火灾或其他不测事故发生的可能。

更换零件的订货方法

为了能迅速而确实地接受订货、以及正确无误地按时交货，在订货时请将下列各项明确告知。

1. 型号
2. 参考编号
3. 零件编号
4. 零件名称
5. 代号
6. 数量

附★记号为备用部件的交货部门

Ref. No.	Part No.	★	Description	Code

LCD PANELS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

RLCDP0066CEZZ	J	LCD Module Unit, Red	CN
RLCDP0067CEZZ	J	LCD Module Unit, Green	CN
RLCDP0068CEZZ	J	LCD Module Unit, Blue	CN

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

MODEL XG-NV4SE

DUNTK9767DE02	–	Signal Unit	—
DUNTK9768DE02	–	Output Unit	—
DUNTK9769DE02	–	Video Unit (only for Australia, New Zealand and Hong Kong)	—
DUNTK9770DE02	–	PC Terminal Unit	—
DUNTK9771DE02	–	Sound Out/Regulator Unit	—
RUNTK0647CEZZ	–	Inlet Unit	—
CDENC0283CE01	–	Power Unit	—
CPCi-0029CE02	–	PC I/F Unit	—

MODEL XG-NV4SM

DUNTK9767DE04	–	Signal Unit	—
DUNTK9768DE04	–	Output Unit	—
DUNTK9769DE04	–	Video Unit	—
DUNTK9770DE04	–	PC Terminal Unit	—
DUNTK9771DE04	–	Sound Out/Regulator Unit	—
RUNTK0647CEZZ	–	Inlet Unit	—
CDENC0283CE01	–	Power Unit	—
CPCi-0029CE01	–	PC I/F Unit	—

MODEL XG-NV40SA

DUNTK9767DE02	–	Signal Unit	—
DUNTK9768DE02	–	Output Unit	—
DUNTK9769DE02	–	Video Unit	—
DUNTK9770DE02	–	PC Terminal Unit	—
DUNTK9771DE02	–	Sound Out/Regulator Unit	—
RUNTK0647CEZZ	–	Inlet Unit	—
CDENC0283CE01	–	Power Unit	—
CPCi-0029CE02	–	PC I/F Unit	—

DUNTK9767DE02/04
SIGNAL UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC401	VHiNJM2240M-1	J	NJM2240M	AG
IC402	VHiNJM2240M-1	J	NJM2240M	AG
IC406	VHiBA7046F/-1	J	BA7046F	AF
IC409	VHiMM1041XM-1	J	MM1041XMR	AG
IC418	VHiTC4W53U/-1	J	TC4W53FU	AF
IC602	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC603	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC604	VHiSNHC153T-1	J	SN74HC153PW	AK
IC801	VHiTDA8854H-2	J	TDA8854H/N2	BD
IC803	VHiTDA4565/-1	J	TDA4565/V6	AN
IC805	VHiNJM2060V-1	J	NJM2060V	AF
IC806	VHiTC90A11F-1	J	TC90A11F	AZ
IC807	VHiM518221S-1	J	MSM518221-30JS	BA
IC808	VHiPST600DM-1	J	IC-PST600DMT	AE
IC814	VHiTA8814N/-1	J	TA8814N	AV
IC816	VHiNJM2283V-1	J	NJM2283V	AG
IC1001	VHiPQ20VZ11-1	J	PQ20VZ11	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q411	VS2PD601AR/-1	J	2PD601AR	AB
Q412	VS2SB1132Q/-1	J	2SB1132Q	AC
Q416	VS2PD601AR/-1	J	2PD601AR	AB
Q420	VS2SC2411KR-1	J	2SC2411KR	AC
Q421	VS2SC2411KR-1	J	2SC2411KR	AC
Q422	VS2SC2411KR-1	J	2SC2411KR	AC
Q804	VS2PB709AR/-1	J	2PB709AR	AB
Q805	VS2PD601AR/-1	J	2PD601AR	AB
Q806	VS2PD601AR/-1	J	2PD601AR	AB
Q808	VS2PD601AR/-1	J	2PD601AR	AB
Q809	VS2PB709AR/-1	J	2PB709AR	AB
Q810	VS2PB709AR/-1	J	2PB709AR	AB
Q814	VS2PD601AR/-1	J	2PD601AR	AB
Q815	VS2PB709AR/-1	J	2PB709AR	AB
Q816	VS2PD601AR/-1	J	2PD601AR	AB
Q817	VS2PD601AR/-1	J	2PD601AR	AB
Q819	VSDTC144EK/-1	J	DTC144EK	AB
Q820	VS2PD601AR/-1	J	2PD601AR	AB
Q821	VS2PB709AR/-1	J	2PB709AR	AB
Q822	VSDTC114EK/-1	J	DTC114EK	AB
Q823	VS2SC2411KR-1	J	2SC2411KR	AC
Q824	VS2SC2411KR-1	J	2SC2411KR	AC
Q825	VS2SC2411KR-1	J	2SC2411KR	AC
Q903	VS2PB709AR/-1	J	2PB709AR	AB
Q905	VS2PD601AR/-1	J	2PD601AR	AB
Q906	VS2PD601AR/-1	J	2PD601AR	AB
Q907	VS2PD601AR/-1	J	2PD601AR	AB
Q910	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D404	RH-EX0519CEZZ	J	Zener Diode	AB
D801	VHDMA152WA/-1	J	Diode	AA
D802	RH-EX0226CEZZ	J	Zener Diode	AB
D803	RH-EX0226CEZZ	J	Zener Diode	AB
D805	VHDDAN202K/-1	J	Diode	AB
D1005	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X801	RCRSB0009PEZZ	J	Crystal	AL
X802	RCRSB0008PEZZ	J	Crystal	AH

COILS

Ref. No.	Part No.	★	Description	Code
L401	VP-CF390K0000	J	Peaking 39µH	AB
L904	VP-1M330J4R2N	J	Peaking 33µH	AC
L905	VP-1M270J3R8N	J	Peaking 27µH	AC
L906	VP-1M330J4R2N	J	Peaking 33µH	AC
L908	VP-1M220J2R9N	J	Peaking 22µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C404	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C414	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C416	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C423	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C425	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C437	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C441	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C443	VCKYCY1HF102Z	J	1000p	50V	Ceramic	AA
C447	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C448	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C450	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C451	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C452	VCKYCY1HF102Z	J	1000p	50V	Ceramic	AA
C453	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C454	VCCCCY1HH7R0D	J	7.0p	50V	Ceramic	AA
C455	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C456	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C458	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C472	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C485	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C486	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C487	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C488	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C489	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C490	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C491	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C495	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C601	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C602	VCFRED1HM472J	J	4700p	50V	Mylar	AD
C603	VCFRED1HM222J	J	2200p	50V	Mylar	AC
C606	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C607	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C608	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C609	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C610	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C611	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C612	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C613	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C810	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C811	VCCCCY1HH180J	J	18p	50V	Ceramic	AA

DUNTK9767DE02/04
SIGNAL UNIT (Cotinued)

Ref. No.	Part No.	★			Description	Code
C812	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C814	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C815	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C816	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C817	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C818	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C819	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C822	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C823	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C824	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C825	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C826	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C827	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C828	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C829	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C830	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C831	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C832	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C833	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C834	VCFRED1HM332J	J	3300p	50V	Mylar	AD
C835	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C836	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C837	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C838	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C839	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C840	VCFYEC1CM223J	J	0.022	16V	Mylar	AC
C844	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C845	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C852	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C856	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C857	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C860	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C861	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C862	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C863	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C864	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C865	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C867	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C868	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C869	VCKYCY1CF224Z	J	0.22	16V	Ceramic	AA
C870	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C871	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C872	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C873	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C877	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C878	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C879	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C880	VCE9PF1CW106M	J	10	16V	Electr.(N.P)	AC
C881	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C882	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C883	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C885	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C891	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C892	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C893	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C903	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C904	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C905	VCCCCY1HH360J	J	36p	50V	Ceramic	AA
C906	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C907	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C908	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C909	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C910	VCCCCY1HH181J	J	180p	50V	Ceramic	AA
C911	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C912	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C913	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C914	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C915	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C916	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C917	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C918	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C919	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C920	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C921	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C922	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C923	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C924	RC-EZ0569CEZZ	J	10	10V	Electrolitic	AF
C925	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C926	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C927	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C930	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C931	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C932	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C933	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C934	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C935	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C936	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C937	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C938	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C939	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C945	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C946	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C948	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C949	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C950	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C951	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C954	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C957	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C958	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C959	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C960	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C962	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C963	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C964	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C965	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C966	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C967	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C968	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C970	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

DUNTK9767DE02/04
SIGNAL UNIT (Cotinued)

Ref. No.	Part No.	★	Description			Code
C973	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1009	RC-EZ0569CEZZ	J	10	10V	Electrolytic	AF

RESISTORS

Ref. No.	Part No.	★	Description			Code
R410	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R411	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R412	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R413	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R414	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R415	VRS-CY1JF151J	J	150	1/16W	Metal Oxide	AA
R416	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R417	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R418	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R419	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R438	VRS-CY1JF474J	J	470k	1/16W	Metal Oxide	AA
R439	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R440	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R460	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R472	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R477	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R478	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R479	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R480	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R481	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R482	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R496	VRS-CY1JF361J	J	360	1/16W	Metal Oxide	AA
R497	VRS-CY1JF332F	J	3.3k	1/16W	Metal Oxide	AA
R503	VRS-CY1JF392F	J	3.9k	1/16W	Metal Oxide	AA
R505	VRS-CY1JF361J	J	360	1/16W	Metal Oxide	AA
R584	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R603	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R604	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R605	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R608	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R611	VRN-CY1JF133D	J	13k	1/16W	Metal Film	AB
R613	VRN-CY1JF752D	J	7.5k	1/16W	Metal Film	AA
R614	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R615	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R616	VRN-CY1JF682D	J	6.8k	1/16W	Metal Film	AB
R617	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R619	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R621	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R622	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R623	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R624	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R650	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R699	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R806	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R807	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R808	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R811	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R812	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R815	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R816	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R817	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R819	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R820	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R821	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R832	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R835	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R837	VRS-CY1JF564J	J	560k	1/16W	Metal Oxide	AA
R838	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R839	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R840	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R841	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R842	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R843	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R844	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R845	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R846	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R848	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R849	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R850	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R851	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R852	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R853	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R855	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R856	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R857	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R858	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R859	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R860	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R861	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R862	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R863	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R865	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R866	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R867	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R869	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R870	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R871	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R872	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R873	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R874	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R875	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R876	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R877	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R878	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R879	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R880	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R891	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R892	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R893	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R894	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R895	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R898	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R901	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R902	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R903	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA

DUNTK9767DE02/04
SIGNAL UNIT (Cotinued)

Ref. No.	Part No.	★	Description	Code
R905	VRS-CY1JF000J	J	00 1/16W Metal Oxide	AA
R906	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R907	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R908	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R909	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R910	VRS-TV1JD122J	J	1.2k 1/16W Metal Oxide	AA
R911	VRS-TV1JD471J	J	470 1/16W Metal Oxide	AA
R912	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R913	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R914	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R915	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R916	VRN-CY1JF332D	J	3.3k 1/16W Metal Film	AA
R917	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R918	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R919	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R920	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R922	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R923	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R924	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R925	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R926	VRS-CY1JF823J	J	82k 1/16W Metal Oxide	AA
R927	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R928	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R929	VRS-CY1JF561J	J	560 1/16W Metal Oxide	AA
R930	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R931	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R932	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R933	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R934	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R935	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R936	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R937	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R938	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R939	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R940	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R941	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA
R942	VRS-CY1JF750J	J	75 1/16W Metal Oxide	AA
R943	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R944	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R945	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R953	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R954	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R955	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R956	VRS-CY1JF681J	J	680 1/16W Metal Oxide	AA
R957	VRS-CY1JF154J	J	150k 1/16W Metal Oxide	AA
R958	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R959	VRS-TV1JD222J	J	2.2k 1/16W Metal Oxide	AA
R964	VRS-CY1JF000J	J	00 1/16W Metal Oxide	AA
R975	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R976	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R980	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R981	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R982	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R983	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R990	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R991	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R999	VRS-CY1JF000J	J	00 1/16W Metal Oxide	AA
R1005	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R1006	VRS-TX2HF5R6J	J	5.6 1/2W Metal Oxide	AA
R1007	VRN-CY1JF562D	J	5.6k 1/16W Metal Film	AB
R1008	VRN-CY1JF102D	J	1.0k 1/16W Metal Film	AB
R1009	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1801	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R1802	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R1803	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1804	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1805	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R1806	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R1807	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R1808	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R1809	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1810	VRS-CY1JF122J	J	1.2k 1/16W Metal Oxide	AA
R1811	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R1812	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA
R1813	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R1819	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1820	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1822	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA
R1823	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R1825	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R1826	VRS-CY1JF000J	J	00 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB401	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB402	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB901	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB902	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB903	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB904	RBLN-0065CEZZ	J	Ferrite Bead	AB
P401	QPLGZ3044CEZZ	J	Plug, 30-pin (TN)	AH
P402	QPLGZ3044CEZZ	J	Plug, 30-pin (VS)	AH
P801	QPLGN0463TAZZ	J	Plug, 4-pin	AC
P1501	QPLGZ2026CEZZ	J	Plug, 20-pin	AE
P1502	QPLGZ2026CEZZ	J	Plug, 20-pin	AE

DUNTK9768DE02/04
OUTPUT UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1004	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1101	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1201	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1301	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1305	VHiNJ7211U2-1	J	NJU7211U20	AG
IC1401	VHiCXA2111R-1	J	CXA2111R	BB
IC1402	VHiTHC221AF-1	J	TC74HC221AF	AG
IC1403	VHiNJM2060V-1	J	NJM2060V	AF
IC1404	VHiM62352GP-1	J	M62352GP	AQ
IC1406	VHiHCT541AF-1	J	TC74HCt541AF	AG
IC1407	RH-iX1952CEZZ	J	74F86SJ	AD
IC1408	VHiHCT541AF-1	J	TC74HCt541AF	AG
IC1409	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1410	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1411	VHiTA8184F/-1	J	TA8184F	AN
IC1501	VHiAD8013AR-1	J	AD8013AR-14	AV
IC1502	VHiNJM2902V-1	J	NJM2902V	AD
IC1503	VHiNJM431E/-1	J	NLM431E-TEL	AF
IC1504	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC1505	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC1506	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC1507	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC5001	RH-iX2961CEZZ	J	HD641180XF6	BB
IC5002	RH-iX2967CEZZ	J	TE7752	AW
IC5003	VHiM62352GP-1	J	M62352GP	AQ
IC5004	VHiM51957BF-1	J	M51957BFP-600C	AE
IC5005	VHiSNHC32T/-1	J	SN74HC32PW	AG
IC5006	VHiSNHC00T/-1	J	SN74HC00PW	AG
IC5008	RH-iX2963CEZZ	J	X24645S8T2	AX
IC5016	VHiTC7W74U/-1	J	TC7W74FU	AD
IC5019	VHiTCLCX245-2	J	TC74LCX245FS	AH
IC5020	RH-iX3090CEZZ	J	LH28F040SUTDZ4	BC
IC5021	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5025	VHiTC7W04U/-1	J	TC7W04FU	AD
IC5026	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC5027	VHiSNHC08T/-1	J	SN74HC08PW	AG
IC5028	VHiSNHC32T/-1	J	SN74HC32PW	AG
IC5029	VHiTC7W04U/-1	J	TC7W04FU	AD
IC5030	VHiTC7W08U/-1	J	TC7W08FU	AE
IC5031	VHiTC7W32U/-1	J	TC7W32FU	AD
IC5503	VHiPQ05SZ51-1	J	PQ05SZ51	AG
IC5504	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5505	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5506	VHiTC4S66F/-1	J	TC4S66F	AD
IC5507	VHiPQ20VZ11-1	J	PQ20VZ11	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1101	VS2SC2411KR-1	J	2SC2411KR	AC
Q1102	VS2SA1036KR-1	J	2SA1036KR	AC
Q1103	VS2SC2411KR-1	J	2SC2411KR	AC
Q1104	VS2SA1036KR-1	J	2SA1036KR	AC
Q1105	VS2SC2411KR-1	J	2SC2411KR	AC
Q1106	VS2SA1036KR-1	J	2SA1036KR	AC
Q1107	VS2SC2411KR-1	J	2SC2411KR	AC
Q1108	VS2SA1036KR-1	J	2SA1036KR	AC
Q1201	VS2SC2411KR-1	J	2SC2411KR	AC
Q1202	VS2SA1036KR-1	J	2SA1036KR	AC
Q1203	VS2SC2411KR-1	J	2SC2411KR	AC
Q1204	VS2SA1036KR-1	J	2SA1036KR	AC
Q1205	VS2SC2411KR-1	J	2SC2411KR	AC
Q1206	VS2SA1036KR-1	J	2SA1036KR	AC
Q1207	VS2SC2411KR-1	J	2SC2411KR	AC
Q1208	VS2SA1036KR-1	J	2SA1036KR	AC
Q1301	VS2SC2411KR-1	J	2SC2411KR	AC
Q1302	VS2SA1036KR-1	J	2SA1036KR	AC
Q1303	VS2SC2411KR-1	J	2SC2411KR	AC
Q1304	VS2SA1036KR-1	J	2SA1036KR	AC
Q1305	VS2SC2411KR-1	J	2SC2411KR	AC
Q1306	VS2SA1036KR-1	J	2SA1036KR	AC
Q1307	VS2SC2411KR-1	J	2SC2411KR	AC
Q1308	VS2SA1036KR-1	J	2SA1036KR	AC
Q1401	VS2SC2735//-1	J	2SC2735	AB
Q1402	VS2SC2735//-1	J	2SC2735	AB
Q1403	VS2SC2735//-1	J	2SC2735	AB
Q1501	VS2SC2735//-1	J	2SC2735	AB
Q1502	VS2SC2735//-1	J	2SC2735	AB
Q1503	VS2SC2735//-1	J	2SC2735	AB
Q1504	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1505	VS2SA1037KQ-1	J	2SA1037KQ	AA
Q1506	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1507	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1508	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1510	VS2PD601AR/-1	J	2PD601AR	AB
Q1511	VS2PB709AR/-1	J	2PB709AR	AB
Q1512	VS2SD1664R/-1	J	2SD1664R	AC
Q5001	VS2PB709AR/-1	J	2PB709AR	AB
Q5002	VS2PD601AR/-1	J	2PD601AR	AB
Q5003	VS2PD601AR/-1	J	2PD601AR	AB
Q5004	VS2PD601AR/-1	J	2PD601AR	AB
Q5005	VS2PD601AR/-1	J	2PD601AR	AB
Q5006	VS2PB709AR/-1	J	2PB709AR	AB
Q5010	VS2PB709AR/-1	J	2PB709AR	AB
Q5011	VS2PB709AR/-1	J	2PB709AR	AB
Q5012	VS2PB709AR/-1	J	2PB709AR	AB
Q5013	VS2PB709AR/-1	J	2PB709AR	AB
Q5501	VS2SD1664R/-1	J	2SD1664R	AC
Q5502	VS2SD1664R/-1	J	2SD1664R	AC
Q5514	VS2PD601AR/-1	J	2PD601AR	AB
Q5516	VS2PD601AR/-1	J	2PD601AR	AB
Q5518	VS2PD601AR/-1	J	2PD601AR	AB
Q5526	VSDTC114EU/-1	J	DTC114EU	AB
Q5534	VSDTC114EU/-1	J	DTC114EU	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1003	VHDDAN202K/-1	J	Diode	AB
D1401	VHDDAN202K/-1	J	Diode	AB
D1402	VHDDAN202K/-1	J	Diode	AB
D1501	VHDDAN202K/-1	J	Diode	AB

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★	Description	Code
D1502	VHDDAN202K/-1	J	Diode	AB
D5001	VHDHRW0702A-1	J	Diode	AE
D5002	VHDHRW0702A-1	J	Diode	AE
D5003	VHDHRW0702A-1	J	Diode	AE
D5004	VHDHRW0702A-1	J	Diode	AE
D5005	VHDMA153///-1	J	Diode	AB
D5006	VHDMA153///-1	J	Diode	AB
D5007	VHDMA153///-1	J	Diode	AB
D5008	VHDMA153///-1	J	Diode	AB
D5009	VHDHRW0702A-1	J	Diode	AE
D5010	VHDHRW0702A-1	J	Diode	AE
D5011	VHDHRW0702A-1	J	Diode	AE
D5012	VHDHRW0702A-1	J	Diode	AE
D5013	VHDMA153///-1	J	Diode	AB
D5014	VHDMA153///-1	J	Diode	AB
D5015	VHDMA153///-1	J	Diode	AB
D5016	VHDMA153///-1	J	Diode	AB
D5017	RH-EX0858CEZZ	J	Zener Diode	AC
D5019	VHDDAN202K/-1	J	Diode	AB
D5020	VHDDAN202K/-1	J	Diode	AB
D5021	VHDDAN202K/-1	J	Diode	AB
D5022	VHDDAN202K/-1	J	Diode	AB
D5503	VHDDAN202K/-1	J	Diode	AB
D5504	VHDDAN202K/-1	J	Diode	AB
D5505	VHDDAN202K/-1	J	Diode	AB
D5506	VHDDAN202K/-1	J	Diode	AB
D5513	VHDDAN202K/-1	J	Diode	AB
D5514	RH-EX0516CEZZ	J	Zener Diode	AB
D5519	VHDDAN202K/-1	J	Diode	AB
D5520	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUIT

X5001	RCRSZ0054CEZZ	J	Crystal	AH

COILS

L1101	VP-1M100J1R6N	J	Peaking 10µH	AC
L1201	VP-1M100J1R6N	J	Peaking 10µH	AC
L1301	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

C1010	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1013	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1038	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1039	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1040	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1041	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C1101	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1102	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1103	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1104	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1105	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1110	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1111	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1112	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1113	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1114	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1115	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1116	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C1201	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1202	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1203	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1204	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1205	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1210	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1211	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1212	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1213	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1214	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1215	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1216	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C1301	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1303	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1304	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1305	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1310	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1311	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1312	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1313	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1314	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1315	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1316	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C1401	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1402	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1403	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1404	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1405	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1406	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1407	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1408	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1409	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1410	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1411	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1412	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1413	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1414	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1415	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1420	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1421	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1422	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1423	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1424	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1425	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1426	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1427	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1429	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1430	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1432	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1433	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★			Description	Code
C1434	VCEAPF1EW226M	J	22	25V	Electrolytic	AB
C1435	VCEAPF1EW226M	J	22	25V	Electrolytic	AB
C1436	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1437	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C1451	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1453	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1460	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1461	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C1462	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1463	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1464	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1465	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1466	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1467	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1468	VCFRED1HM822J	J	8200p	50V	Mylar	AD
C1469	VCFYEC1CM334J	J	0.33	16V	Mylar	AE
C1470	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1471	VCKYCY1CF154Z	J	0.15	16V	Ceramic	AB
C1472	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1473	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C1474	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1501	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1502	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1503	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1504	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1505	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1506	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1507	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1508	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1509	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1510	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1511	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1512	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1514	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1515	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1516	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1517	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1518	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1519	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1520	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1522	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1523	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1524	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1525	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1526	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1527	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1528	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1530	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1531	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1532	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1533	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1534	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1535	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1536	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C1540	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1541	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1542	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5001	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5002	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5004	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5005	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C5006	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C5007	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5008	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5010	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5011	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5012	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5013	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5014	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5015	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5016	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5017	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5018	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5019	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5026	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5028	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5033	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5042	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5043	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C5044	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5045	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5046	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5051	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5054	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5056	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5057	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5058	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5059	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5060	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C5061	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C5062	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C5063	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5064	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5065	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5066	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5067	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5068	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5069	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5070	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5163	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C5164	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C5165	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5167	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5507	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5508	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5509	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5510	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★			Description	Code
C5511	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5512	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5513	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5514	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5515	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5516	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5534	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5535	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5551	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5553	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5554	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5555	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5556	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5564	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5565	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5566	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5567	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★			Description	Code
R1003	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1015	VRS-TX2HF6R8J	J	6.8	1/2W	Metal Oxide	AA
R1016	VRS-TX2HF6R8J	J	6.8	1/2W	Metal Oxide	AA
R1017	VRS-TX2HF000J	J	00	1/2W	Metal Oxide	AA
R1033	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R1101	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1102	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1103	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R1104	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1105	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1106	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1107	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1108	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1110	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1111	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1112	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1113	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1114	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1117	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1118	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1119	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1120	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1121	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1123	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1124	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1125	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1126	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1127	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1128	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1129	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1130	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1131	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1132	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1133	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1164	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1165	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1166	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1167	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1168	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1169	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1170	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1171	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1172	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1173	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1174	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1175	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1178	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1179	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1180	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1181	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1182	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1183	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1184	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1185	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1186	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1187	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1188	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1189	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1190	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1191	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1192	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1201	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1202	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1203	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R1204	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1205	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1206	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1207	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1208	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1209	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1210	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1211	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1212	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1213	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1214	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1217	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1218	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1219	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1220	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1221	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1223	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1224	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1225	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1226	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1227	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1228	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1229	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1230	VRS-CY1JF000J	J	00	1/16W	Metal Oxide	AA
R1231	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★		Description	Code
R1264	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1265	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1266	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1267	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1268	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1269	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1270	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1271	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1272	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1273	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1274	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1275	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1278	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1279	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1280	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1281	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1282	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1283	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1284	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1285	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1286	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1287	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1288	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1289	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1290	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1291	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1292	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1301	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1302	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1303	VRS-CY1JF273J	J	27k	1/16W Metal Oxide	AA
R1304	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1305	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1306	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1307	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1308	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1309	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1310	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1311	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1312	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1313	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1314	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1317	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1318	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1319	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1320	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1321	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1323	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1324	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1325	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1326	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1327	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1328	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1329	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1330	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1331	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1364	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1365	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1366	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1367	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1368	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1369	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1370	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1371	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1372	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1373	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1374	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1375	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1378	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1379	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1380	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1381	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1382	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1383	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1384	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1385	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1386	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1387	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1388	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1389	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1390	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1391	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1392	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1401	VRS-CY1JF750F	J	75	1/16W Metal Oxide	AA
R1402	VRS-CY1JF750F	J	75	1/16W Metal Oxide	AA
R1403	VRS-CY1JF750F	J	75	1/16W Metal Oxide	AA
R1404	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1405	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1406	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1407	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1408	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1409	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1410	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1411	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1412	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1413	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1414	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1415	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1416	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1417	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1418	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1419	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1420	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1432	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1433	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1434	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1436	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1438	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1439	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1447	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★		Description	Code
R1448	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1449	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1450	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1451	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1452	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1453	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1454	VRS-CY1JF202J	J	2.0k	1/16W Metal Oxide	AA
R1455	VRS-CY1JF302J	J	3.0k	1/16W Metal Oxide	AA
R1456	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R1457	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1458	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1459	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R1460	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R1461	VRS-CY1JF2R2J	J	2.2	1/16W Metal Oxide	AA
R1462	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R1463	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1464	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R1465	VRS-CY1JF2R2J	J	2.2	1/16W Metal Oxide	AA
R1466	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1467	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1468	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1469	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1470	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1472	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1473	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1474	VRS-CY1JF123F	J	12k	1/16W Metal Oxide	AA
R1475	VRS-CY1JF102F	J	1.0k	1/16W Metal Oxide	AA
R1476	VRS-CY1JF510F	J	51	1/16W Metal Oxide	AA
R1477	QFS-J5015CEZZ	J	Fuse Resistor		AD
R1478	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1479	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1481	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1486	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1487	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R1489	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1490	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1491	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1492	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide	AA
R1493	VRS-TX2HF5R6J	J	5.6	1/2W Metal Oxide	AA
R1494	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1495	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1496	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1497	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1498	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R1501	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1502	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1503	VRS-CY1JF221J	J	220	1/16W Metal Oxide	AA
R1504	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1505	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1506	VRS-CY1JF221J	J	220	1/16W Metal Oxide	AA
R1507	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1508	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1509	VRS-CY1JF221J	J	220	1/16W Metal Oxide	AA
R1510	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1511	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1512	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R1513	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1514	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1515	VRS-TV1JD000J	J	00	1/16W Metal Oxide	AA
R1529	VRS-CY1JF512F	J	5.1k	1/16W Metal Oxide	AA
R1530	VRS-CY1JF102F	J	1.0k	1/16W Metal Oxide	AA
R1531	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R1532	VRS-CY1JF202F	J	2.0k	1/16W Metal Oxide	AA
R1533	VRS-CY1JF102F	J	1.0k	1/16W Metal Oxide	AA
R1534	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1535	VRS-CY1JF680J	J	68	1/16W Metal Oxide	AA
R1536	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1537	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1538	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1539	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1540	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1541	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1542	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1543	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1544	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1545	VRS-CY1JF680J	J	68	1/16W Metal Oxide	AA
R1546	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1547	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1548	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1549	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1550	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1551	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1552	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1553	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1554	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1555	VRS-CY1JF680J	J	68	1/16W Metal Oxide	AA
R1556	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1557	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1558	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1559	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1560	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1561	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1562	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1563	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1564	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R1565	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1566	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1567	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1568	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1575	VRS-CY1JF821J	J	820	1/16W Metal Oxide	AA
R1576	VRS-CY1JF821J	J	820	1/16W Metal Oxide	AA
R1577	VRS-CY1JF821J	J	820	1/16W Metal Oxide	AA
R1580	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1581	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1582	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1583	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1584	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1585	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1586	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★		Description	Code
R1590	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1591	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R1592	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5001	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5002	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5003	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5004	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5005	VRS-CY1JF472F	J	4.7k	1/16W Metal Oxide	AA
R5006	VRS-CY1JF203F	J	20k	1/16W Metal Oxide	AA
R5007	VRS-CY1JF472F	J	4.7k	1/16W Metal Oxide	AA
R5008	VRS-CY1JF103F	J	10k	1/16W Metal Oxide	AA
R5009	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5010	VRS-CY1JF105J	J	1.0M	1/16W Metal Oxide	AA
R5011	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5012	VRS-CB1JF103J	J	10k	1/16W Metal Oxide	AA
R5013	VRS-CY1JF273J	J	27k	1/16W Metal Oxide	AA
R5014	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5015	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5016	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5017	VRN-CY1JF393D	J	39k	1/16W Metal Film	AB
R5018	VRN-CY1JF272D	J	2.7k	1/16W Metal Film	AB
R5019	VRS-CY1JF273J	J	27k	1/16W Metal Oxide	AA
R5020	VRN-CY1JF103D	J	10k	1/16W Metal Film	AA
R5021	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5022	VRN-CY1JF272D	J	2.7k	1/16W Metal Film	AB
R5023	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5024	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5025	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5027	VRS-CA1JF682J	J	6.8k	1/16W Metal Oxide	AA
R5028	VRS-CA1JF101J	J	100	1/16W Metal Oxide	AA
R5029	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5030	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5031	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5032	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5033	VRS-CY1JF162F	J	1.6k	1/16W Metal Oxide	AA
R5034	VRS-CY1JF102F	J	1.0k	1/16W Metal Oxide	AA
R5035	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5036	VRS-TW2ED221J	J	220	1/4W Metal Oxide	AA
R5037	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5038	VRS-TW2ED221J	J	220	1/4W Metal Oxide	AA
R5039	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5040	VRS-TW2ED221J	J	220	1/4W Metal Oxide	AA
R5041	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5042	VRS-TW2ED221J	J	220	1/4W Metal Oxide	AA
R5043	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5044	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5045	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5046	VRS-TW2ED221J	J	220	1/4W Metal Oxide	AA
R5047	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5048	VRS-TX2HF220J	J	22	1/2W Metal Oxide	AB
R5049	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5051	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5053	VRS-CA1JF101J	J	100	1/16W Metal Oxide	AA
R5055	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5061	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5062	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5063	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5066	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5070	VRS-CB1JF103J	J	10k	1/16W Metal Oxide	AA
R5071	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R5074	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5075	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5076	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5079	VRS-CA1JF101J	J	100	1/16W Metal Oxide	AA
R5080	VRS-CA1JF682J	J	6.8k	1/16W Metal Oxide	AA
R5081	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5082	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5083	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5084	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5085	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5086	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5087	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R5088	VRS-CA1JF101J	J	100	1/16W Metal Oxide	AA
R5091	VRS-CA1JF101J	J	100	1/16W Metal Oxide	AA
R5093	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5095	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5097	VRN-CY1JF332D	J	3.3k	1/16W Metal Film	AA
R5099	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R5101	VRN-CY1JF332D	J	3.3k	1/16W Metal Film	AA
R5102	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R5103	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R5104	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5105	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5106	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5107	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5108	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5109	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5110	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5111	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5112	VRS-TW2ED000J	J	00	1/4W Metal Oxide	AB
R5113	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5115	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R5120	VRS-CY1JF273J	J	27k	1/16W Metal Oxide	AA
R5121	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R5145	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5146	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5157	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R5159	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5160	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R5161	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R5170	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R5173	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R5174	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R5175	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R5179	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5180	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5186	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R5187	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R5188	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA

DUNTK9768DE02/04
OUTPUT UNIT (Cotinued)

Ref. No.	Part No.	★	Description	Code
R5189	VRS-CY1JF000J	J	00 1/16W Metal Oxide	AA
R5190	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5191	VRS-CY1JF272J	J	2.7k 1/16W Metal Oxide	AA
R5192	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5193	VRS-CY1JF272J	J	2.7k 1/16W Metal Oxide	AA
R5194	VRS-CY1JF751J	J	750 1/16W Metal Oxide	AA
R5195	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5196	VRS-CY1JF751J	J	750 1/16W Metal Oxide	AA
R5197	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5198	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5199	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5201	VRS-CB1JF222J	J	2.2k 1/16W Metal Oxide	AC
R5202	VRS-CB1JF272J	J	2.7k 1/16W Metal Oxide	AC
R5209	VRS-CB1JF222J	J	2.2k 1/16W Metal Oxide	AC
R5210	VRS-CB1JF272J	J	2.7k 1/16W Metal Oxide	AC
R5217	VRS-CB1JF222J	J	2.2k 1/16W Metal Oxide	AC
R5218	VRS-CB1JF272J	J	2.7k 1/16W Metal Oxide	AC
R5225	VRS-CB1JF222J	J	2.2k 1/16W Metal Oxide	AC
R5226	VRS-CB1JF272J	J	2.7k 1/16W Metal Oxide	AC
R5233	VRS-CA1JF222J	J	2.2k 1/16W Metal Oxide	AA
R5234	VRS-CA1JF272J	J	2.7k 1/16W Metal Oxide	AA
R5237	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5238	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5239	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5240	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5241	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5251	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5252	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5505	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5506	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5507	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5509	VRS-CB1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5510	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5513	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5526	VRS-CY1JF184J	J	180k 1/16W Metal Oxide	AA
R5527	VRN-CY1JF242D	J	2.4k 1/16W Metal Film	AB
R5528	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R5529	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R5530	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5538	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5540	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5543	VRS-CY1JF000J	J	00 1/16W Metal Oxide	AA
R5550	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA
R5551	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5552	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R5553	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R5554	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5555	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5556	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5557	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5558	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5570	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5571	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R5573	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R5577	VRS-CY1JF683F	J	68k 1/16W Metal Oxide	AA
R5578	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R5579	VRS-CY1JF822F	J	8.2k 1/16W Metal Oxide	AA
R5580	VRS-CY1JF823F	J	82k 1/16W Metal Oxide	AA
R5588	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5590	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5619	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R5620	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R5621	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5622	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5623	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5624	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R5625	VRS-CY1JF122F	J	1.2k 1/16W Metal Oxide	AA
R5626	VRS-CY1JF683F	J	68k 1/16W Metal Oxide	AA

SWITCHES

S2003	QSW-S0198CEZZ	J	Slide Switch	AF
S5001	QSW-K0065GEZZ	J	Key Switch	AC

MISCELLANEOUS PARTS

FB1101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1102	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1103	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1202	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1203	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1302	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1303	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1401	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1402	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1503	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1505	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1508	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1509	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1510	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1511	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5501	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5502	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5504	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5505	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5507	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5508	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5509	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5510	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5512	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5513	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5518	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5519	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5520	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5521	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5522	RBLN-0062CEZZ	J	Ferrite Bead	AC
P5501	QPLGN0174FJZZ	J	Plug, 2-pin (Q)	AC

Ref. No.	Part No.	★	Description	Code

DUNTK9768DE02/04
OUTPUT UNIT(Cotinued)

P5503	QPLGN0264TAZZ	J	Plug, 2-pin (L)	AC
P5505	QPLGN0176FJZZ	J	Plug, 4-pin (FS)	AD
P5506	QPLGN0176FJZZ	J	Plug, 4-pin (FN)	AD
P5507	QPLGN0175FJZZ	J	Plug, 3-pin (FP)	AD
P5508	QPLGN0864TAZZ	J	Plug, 8-pin	AD
P5509	QPLGN0436FJZZ	J	Plug, 28-pin	AE
SC1101	QSOCN2486TAZZ	J	Socket,24-pin	AE
SC1201	QSOCN2486TAZZ	J	Socket,24-pin	AE
SC1301	QSOCN2486TAZZ	J	Socket,24-pin	AE
SC1404	QCNCW6054TAZZ	J	Connector, 60-pin	AK
SC1405	QCNCW6054TAZZ	J	Connector, 60-pin	AK
SC1501	QSOCZ2058CEZZ	J	Socket, 20-pin	AG
SC1502	QSOCZ2058CEZZ	J	Socket, 20-pin	AG
SC5001	QSOCN1897REZZ	J	Socket, 18-pin (KY)	AE
SC5502	QCNCW6054TAZZ	J	Connector, 60-pin	AK
RMC7502	RRMCU0229CEZZ	J	R/C Receiver	AH
TP1101	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1102	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1201	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1202	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1301	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1302	QLUGP0111TAFW	J	Lug, Test Point	AA
	PSLDC3076CEFN	J	Shield Plate	AE

Ref. No.	Part No.	★	Description	Code

DUNTK9769DE02/04
VIDEO UNIT

NOTE: THE U.K. AND EUROPE-DESTINED VERSIONS OF MODEL XG-NV4SE ARE OPTIONAL.

INTEGRATED CIRCUITS

IC6001	VHiNJM2245M-1	J	NJM2245M	AF
IC6004	VHiMC141627-1	J	MC141627FT	AY

TRANSISTORS

Q6002	VS2PB709AR/-1	J	2PB709AR	AB
Q6003	VS2PD601AR/-1	J	2PD601AR	AB
Q6004	VS2PD601AR/-1	J	2PD601AR	AB
Q6008	VS2PD601AR/-1	J	2PD601AR	AB
Q6009	VS2PD601AR/-1	J	2PD601AR	AB
Q6013	VS2PD601AR/-1	J	2PD601AR	AB
Q6015	VSiMX2/////-1	J	iMX2	AB

DIODES

D6001	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D6007	VHDMA153///-1	J	Diode MA153	AB
D6009	VHD1SS355//-1	J	Diode 1SS355	AB
D6010	RH-EX0228CEZZ	J	Zener Diode	AB

COILS AND FILTERS

FL6002	RFiLN0124GEZZ	J	Noise Filter	AD
FL6003	RFiLN0124GEZZ	J	Noise Filter	AD
FL6004	RFiLN0124GEZZ	J	Noise Filter	AD
FL6005	RFiLN0124GEZZ	J	Noise Filter	AD
FL6006	RFiLN0124GEZZ	J	Noise Filter	AD
FL6011	RCiLF0316CEZZ	J	Filter Coil	AG
FL6012	RCiLF0316CEZZ	J	Filter Coil	AG
L6001	VP-1M270J3R8N	J	Peaking 27µH	AC
L6002	VP-1M330J4R2N	J	Peaking 33µH	AC
L6003	VP-1M330J4R2N	J	Peaking 33µH	AC

CAPACITORS

C6001	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6005	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6013	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6014	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6015	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6016	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6017	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6018	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6019	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6020	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6021	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6022	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C6023	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C6024	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C6025	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6027	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C6029	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6030	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB

DUNTK9769DE02/04
VIDEO UNIT (Cotinued)

Ref. No.	Part No.	★	Description			Code
C6031	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6035	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6037	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C6038	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C6039	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6040	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6042	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6043	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6044	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6045	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

R6001	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6002	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6003	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6004	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6005	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6006	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6007	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6008	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R6011	VRS-CY1JF4R7J	J	4.7	1/16W	Metal Oxide	AA
R6047	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6049	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6050	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6051	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6052	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R6053	VRS-CY1JF754J	J	750k	1/16W	Metal Oxide	AA
R6054	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6055	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6056	VRS-TV1JD152J	J	1.5k	1/16W	Metal Oxide	AA
R6057	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6058	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R6059	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R6060	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6061	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6062	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6063	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R6064	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R6069	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6070	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R6071	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R6072	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6073	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6074	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6075	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R6081	VRS-CY1JF185J	J	1.8M	1/16W	Metal Oxide	AE
R6082	VRS-CY1JF563J	J	56k	1/16W	Metal Oxide	AA
R6085	VRS-CY1JF121J	J	120	1/16W	Metal Oxide	AA
R6087	VRS-TQ2BD000J	J	00	1/8W	Metal Oxide	AA
R6088	VRS-TQ2BD000J	J	00	1/8W	Metal Oxide	AA
R6089	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R6090	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6091	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R6092	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R6094	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R6095	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R6096	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB6001	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB6013	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6014	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6015	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6016	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6017	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6018	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6019	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6020	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6021	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6022	RBLN-0062CEZZ	J	Ferrite Bead	AC
J6001	QJAKG0049CEZZ	J	A/V Input	AH
J6003	QSOCD0403GEZZ	J	S-Video Input	AE
SC6001	QSOCZ3043CEZZ	J	Socket, 30-pin (VS)	AG
	PSLDM4519CEFW	J	Shield	AK
	QEARP0093CEFN	J	Earth Plate	AE

DUNTK9770DE02/04
PC TERMINAL UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3003	VHiTL712CPS-1	J	TI712CPS	AL
IC3004	VHiTL712CPS-1	J	TI712CPS	AL
IC3005	VHiTL712CPS-1	J	TI712CPS	AL
IC3009	VHiTL712CPS-1	J	TI712CPS	AL
IC3010	VHiTL712CPS-1	J	TI712CPS	AL
IC3011	VHiEL4332C/-1	J	EI4332CS	BA
IC3012	VHiHCT157AF-1	J	TC74HCt157AF	AH
IC3013	VHi24LC21//-1	J	24LC21T	AN
IC3014	VHi24LC21//-1	J	24LC21T	AN
IC3015	VHiTL712CPS-1	J	TI712CPS	AL
IC3303	VHiNJM2233V-1	J	NJM2233V	AE
IC3304	VHiNJM2233V-1	J	NJM2233V	AE
IC7006	VHiUPD4721G-1	J	UPD4721G-GJG	AQ

TRANSISTOR

Ref. No.	Part No.	★	Description	Code
Q3301	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D3003	VHDMA152WA/-1	J	DMA152WA	AA
D3004	VHDMA152WA/-1	J	DMA152WA	AA
D3020	VHDMA152WA/-1	J	DMA152WA	AA
D3021	VHDMA152WA/-1	J	DMA152WA	AA
D3022	VHDMA152WA/-1	J	DMA152WA	AA
D3023	VHDMA152WA/-1	J	DMA152WA	AA
D3024	VHDMA152WA/-1	J	DMA152WA	AA
D3028	VHDMA152WA/-1	J	DMA152WA	AA
D3029	VHDMA152WA/-1	J	DMA152WA	AA
D3032	VHDMA152WA/-1	J	DMA152WA	AA
D3033	VHDMA152WA/-1	J	DMA152WA	AA
D3034	VHDMA152WA/-1	J	DMA152WA	AA
D3305	RH-EX0226CEZZ	J	Zener Diode	AB
D3306	RH-EX0226CEZZ	J	Zener Diode	AB
D3307	RH-EX0226CEZZ	J	Zener Diode	AB
D3308	RH-EX0226CEZZ	J	Zener Diode	AB
D3309	RH-EX0226CEZZ	J	Zener Diode	AB
D3310	RH-EX0226CEZZ	J	Zener Diode	AB
D7025	VHDMA3120WA-1	J	Diode	AK
D7026	VHDMA3120WA-1	J	Diode	AK

COIL

Ref. No.	Part No.	★	Description	Code
L3006	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C3001	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3002	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3004	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3005	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3006	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3008	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3009	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3010	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3027	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3028	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3029	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3030	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3031	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3032	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3033	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3034	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3039	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3040	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3041	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3042	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3043	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3044	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3045	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3046	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3047	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3062	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3063	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3065	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3066	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3070	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3071	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3073	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3075	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3076	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3077	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3078	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3080	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C3303	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3304	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3311	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3312	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3313	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3314	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3319	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3320	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3321	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3322	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3323	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7001	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C7017	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7018	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7019	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7020	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7021	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7501	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7502	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R2001	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R2002	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R2003	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3004	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3005	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3006	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA

DUNTK9770DE02/04
PC TERMINAL UNIT (Cotinued)

Ref. No.	Part No.	★		Description	Code
R3007	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3008	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3009	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3010	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3011	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3012	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3013	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3014	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3015	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3016	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3017	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3018	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3025	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3026	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3027	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3046	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3054	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3055	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3056	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3057	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3058	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3059	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3060	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3061	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3062	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3063	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3092	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3093	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3094	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3096	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3100	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3102	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3103	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3112	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3116	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3117	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3118	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3119	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3120	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3121	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3130	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3131	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3132	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3138	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3139	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3140	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3141	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3142	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3143	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3144	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3145	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3146	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3147	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3149	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3150	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3151	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3152	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3153	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3154	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3155	VRS-CY1JF270J	J	27	1/16W Metal Oxide	AA
R3156	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3157	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R3158	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3159	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R3160	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3161	VRS-CY1JF270J	J	27	1/16W Metal Oxide	AA
R3162	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3163	VRS-CY1JF270J	J	27	1/16W Metal Oxide	AA
R3164	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3165	VRS-CY1JF270J	J	27	1/16W Metal Oxide	AA
R3166	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3301	VRS-CY1JF123J	J	12k	1/16W Metal Oxide	AA
R3302	VRS-CY1JF123J	J	12k	1/16W Metal Oxide	AA
R3303	VRS-CY1JF224J	J	220k	1/16W Metal Oxide	AA
R3304	VRS-CY1JF224J	J	220k	1/16W Metal Oxide	AA
R3309	VRS-CY1JF681J	J	680	1/16W Metal Oxide	AA
R3310	VRS-CY1JF681J	J	680	1/16W Metal Oxide	AA
R3311	VRS-CY1JF105J	J	1.0M	1/16W Metal Oxide	AA
R3312	VRS-CY1JF105J	J	1.0M	1/16W Metal Oxide	AA
R3319	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3320	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3321	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3322	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3323	VRS-CY1JF102J	J	1.0k	1/16W Metal Oxide	AA
R3324	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3325	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R3326	VRS-TV1JD122J	J	1.2k	1/16W Metal Oxide	AA
R3327	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R3328	VRS-CY1JF152J	J	1.5k	1/16W Metal Oxide	AA
R7045	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R7048	VRS-CY1JF000J	J	00	1/16W Metal Oxide	AA
R7090	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R7091	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R7501	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R7562	VRS-TX2HF220J	J	22	1/2W Metal Oxide	AB

MISCELLUNEOUS PARTS

FB3001	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3002	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3003	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3004	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3005	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3006	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3007	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3008	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3009	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3010	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3301	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3302	RBLN-0062CEZZ	J	Ferrite Bead	AC

Ref. No.	Part No.	★	Description	Code
FB3303	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3307	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3308	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3309	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7001	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7002	RBLN-0058TAZZ	J	Ferrite Bead	AC
J3301	QJAKJ0008GEZZ	J	Jack, Audio IN	AD
J3303	QJAKJ0008GEZZ	J	Jack, Audio OUT	AD
SC3001	QSOCZ3043CEZZ	J	Socket, 30-pin (TN)	AG
SC3002	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN1	AM
SC3003	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN2	AM
SC7004	QSOCN0345FJZZ	J	Socket, 9-pin	AM
RMC7501	RRMCU0233CEZZ	J	R/C Receiver	AF
	PSLDM4521CEFW	J	Shield	AK

DUNTK9770DE02/04
PC TERMINAL UNIT (Cotinued)

Ref. No.	Part No.	★	Description	Code

DUNTK9771DE02/04
SOUND OUT/REGULATOR UNIT

INTEGRATED CIRCUITS

IC1030	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1031	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1032	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1034	VHiPQ3RF23/-1	J	PQ3RF23	AK
IC7301	VHiTDA7056A-1	J	TDA7056A	AP

TRANSISTOR

Q7301	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

D1020	VHDDAN202K/-1	J	Diode	AB
D1021	VHDDAN202K/-1	J	Diode	AB
D1022	VHDDAN202K/-1	J	Diode	AB
D1024	VHDDAN202K/-1	J	Diode	AB

CAPACITORS

C1020	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1021	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1022	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1023	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1024	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1025	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1026	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1027	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1028	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1029	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1034	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1035	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1036	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1037	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1042	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1043	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7301	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7302	VCKYTQ1CB474K	J	0.47	16V	Ceramic	AD
C7303	VCEAPF1EW475M	J	4.7	25V	Electrolytic	AB
C7304	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7305	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7306	VCEAGA1EW477M	J	470	25V	Electrolytic	AD
C7307	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7308	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7310	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7311	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

R1020	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1021	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1022	VRS-TV1JD103J	J	10k	1/16w	Metal Oxide	AA
R1023	VRS-TV1JD103J	J	10k	1/16w	Metal Oxide	AA
R1024	VRS-TV1JD103J	J	10k	1/16w	Metal Oxide	AA
R1026	VRS-TV1JD561J	J	560	1/16w	Metal Oxide	AA
R1027	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R1028	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB

DUNTK9771DE02/04
SOUND OUT/REGULATOR UNIT (Cotinued)

Ref. No.	Part No.	★	Description	Code
R1029	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R1030	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R7301	VRS-CY1JF102J	J	1.0k 1/16w Metal Oxide	AA
R7302	VRS-CY1JF473J	J	47k 1/16w Metal Oxide	AA
R7303	VRS-CY1JF103J	J	10k 1/16w Metal Oxide	AA
R7304	VRS-CY1JF473J	J	47k 1/16w Metal Oxide	AA
R7305	QFS-J2521CEZZ	J	Fuse Resistor	AF
R7307	VRN-CY1JF103D	J	10k 1/16w Metal Film	AA
R7308	VRN-CY1JF273D	J	27k 1/16w Metal Film	AB
R7309	VRN-CY1JF183D	J	18k 1/16w Metal Film	AA
R7310	VRS-CY1JF102J	J	1.0k 1/16w Metal Oxide	AA
R7311	VRS-CY1JF103J	J	10k 1/16w Metal Oxide	AA
R7312	VRS-TX2HF8R2J	J	8.2 1/2W Metal Oxide	AA
R7313	VRS-CY1JF223J	J	22k 1/16w Metal Oxide	AA

MISCELLANEOUS PARTS

FB1001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1002	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1003	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1004	RBLN-0062CEZZ	J	Ferrite Bead	AC
P1010	QPLGN0428FJZZ	J	Plug, 18-pin (EA)	AD
P1011	QPLGN0296FJZZ	J	Plug, 20-pin (EB)	AD
P7302	QPLGN0864TAZZ	J	Plug, 8-pin (SO)	AD
P7303	QPLGN0174FJZZ	J	Plug, 2-pin (SP)	AC
	PRDAR1544CEFW	J	Heat Sink (IC7301)	AG

RUNTK0647CEZZ
INLET UNIT

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
⚠ Z701	95C0D758A4710	J	ENC471	AK

COILS

Ref. No.	Part No.	★	Description	Code
⚠ L701	95C0L123R4520	J	Inductor, 6mH (2A)	AV
⚠ L702	95C0L123R4520	J	Inductor, 6mH (2A)	AV
⚠ L704	95C0L109R7200	J	SK-08MS-5Y	
⚠ L705	95C0L109R7200	J	SK-08MS-5Y	

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C701	95C0C245Q2240	J	0.22 AC250V Film	AL
⚠ C702	95C0C245Q2240	J	0.22 AC250V Film	AL
⚠ C703	95C0C1H8Q2220	J	2200p 250V Ceramic	AH
⚠ C704	95C0C1H8Q2220	J	2200p 250V Ceramic	AH
⚠ C705	95C0C245Q2240	J	0.22 AC250V Film	AL

RESISTORS

Ref. No.	Part No.	★	Description	Code
⚠ R701	95C0R105C2740	J	270K 1W	AF
⚠ R749	95C0R379C1560	J	15M 1W	AL

SWITCH

Ref. No.	Part No.	★	Description	Code
⚠ SW701	95C0K138A0010	J	AC Switch SDDFC3-3B-2	AW

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F701	95C0K718A5R00	J	Fuse 5A 250V	AK
	95C0M851A0010	J	Fuse Holder	AE
⚠ CN701	95C0K212S0010	J	AC Inlet AP-300-3-B-6	AR
CN702	95C0K207B0020	J	Connector S2P3-VH	AH

CDENC0283CE01
POWER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ IC702	95C0H502A0160	J	H8D2877	AZ
IC703	95C0H130A0120	J	TA78M12S	AQ
IC704	95C0H195A0010	J	NJM431U	AM
IC751	95C0H195A0010	J	NJM431U	AM
IC7701	95C0H142A0010	J	FA5331M	BB

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
⚠ Q701	95C0T643A0010	J	2SK2698	AY
Q702	95C0T390A0020	J	2SC3325	AK
Q703	95C0T391A0020	J	2SC2712	AE
Q704	95C0T645A0030	J	2SK2717	
Q705	95C0T391A0020	J	2SC2712	AE
Q707	95C0T253A0010	J	2SB1488	AN
Q751	95C0T190A0020	J	2SA1313	AH
Q752	95C0T391A0020	J	2SC2712	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D701	95C0D119A0060	J	Diode D5SBA60	AS
D702	95C0D223B0060	J	Diode YG912S6	AW
D703	95C0D266A0060	J	Diode ERA83-006	AH
D706	95C0D295A0080	J	Diode 1SS355	AE
D707	95C0D295A0080	J	Diode 1SS355	AE
D708	95C0D490A0410	J	Zener Diode RLZ12	AF
D709	95C0D264A0020	J	Diode ERB44-02	AG
D710	95C0D490A0150	J	Zener Diode RLZ5.6B	AE
D711	95C0D157A0060	J	Diode ERA15-06	AE
D712	95C0D490A0730	J	Zener Diode RLZ30D	AE
D713	95C0D490A0730	J	Zener Diode RLZ30D	AE
D714	95C0D490A0730	J	Zener Diode RLZ30D	AE
D715	95C0D267A0060	J	Diode ERA22-06	AG
D716	95C0D490A0150	J	Zener Diode RLZ5.6B	AE
D717	95C0D295A0080	J	Diode 1SS355	AE
D718	95C0D157A0060	J	Diode ERA15-06	AE
D719	95C0D490A0730	J	Zener Diode RLZ30D	AE
D720	95C0D264A0100	J	Diode ERB44-10	AL
D751	95C0D273A0040	J	Diode 1R5GH45	AL
D752	95C0D249A0010	J	Diode ERC91-02	AP
D753	95C0D219B0060	J	Diode YG811S06R	
D754	95C0D219B0060	J	Diode YG811S06R	
D755	95C0D266A0060	J	Diode ERA83-006	AH
D756	95C0D490A0630	J	Zener Diode RLZ24B	AE
D757	95C0D490A0230	J	Zener Diode RLZ7.5A	AE
D758	95C0D295A0080	J	Diode 1SS355	AE
D759	95C0D295A0080	J	Diode 1SS355	AE
D760	95C0D461A1900	J	Zener Diode HZ-18CP	AH
⚠ TRA701	95C0D513A6060	J	Triode AC Semiconductor Switch SM6JZ47	AR

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
⚠ PC701	95C0H723A0010	J	Photo Coupler PC123FY8	AM
⚠ PC702	95C0H723A0010	J	Photo Coupler PC123FY8	AM
⚠ PC703	95C0H723A0010	J	Photo Coupler PC123FY8	AM
⚠ PC704	95C0H723A0010	J	Photo Coupler PC123FY8	AM

COIL AND TRANSFORMER

Ref. No.	Part No.	★	Description	Code
L703	95C0L122R6720	J	Inductor	BC
⚠ T701	95C0L200J0340	J	Transformer	BU

CONTROLS

Ref. No.	Part No.	★	Description	Code
VR701	95C0R853E1020	J	1k 1/10W	AH
VR751	95C0R853E1020	J	1k 1/10W	AH

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C706	95C0C238N4740	J	0.47 630V Film	AQ
C707	95C0C3J6M1510	J	150 400V Electrolytic	AY
C708	95C0C195E4720	J	4700p 50V Ceramic	AC
C709	95C0C1A1S2210	J	220p 2kV Ceramic	AF
C710	95C0C195E1030	J	0.01 50V Ceramic	AC
C711	95C0C194E2210	J	220p 50V Ceramic	AD
C713	95C0C195E4720	J	4700p 50V Ceramic	AC
C714	95C0C162E1040	J	0.1 50V Ceramic	AE
C715	95C0C373D8200	J	82 35V Electrolytic	AF
C718	95C0C195E4720	J	4700p 50V Ceramic	AC
C719	95C0C251E3330	J	0.033 50V Film	AD
C721	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C722	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C723	95C0C1H8Q1020	J	1000p AC250V Ceramic	
C725	95C0C1A9R4710	J	470p 1kV Ceramic	AF
C726	95C0C195C1040	J	0.1 25V Ceramic	AD
C727	95C0C195C1040	J	0.1 25V Ceramic	AD
C751	95C0C374C4710	J	470 25V Electrolytic	AK
C752	95C0C374C4710	J	470 25V Electrolytic	AK
C753	95C0C374A1820	J	1800 10V Electrolytic	AM
C754	95C0C374A1820	J	1800 10V Electrolytic	AM
C755	95C0C374A1820	J	1800 10V Electrolytic	AM
C756	95C0C374A1820	J	1800 10V Electrolytic	AM
C757	95C0C195C1040	J	0.1 25V Ceramic	AD
C758	95C0C373D8200	J	82 35V Electrolytic	AF
C760	95C0C374C4710	J	470 25V Electrolytic	AK
C761	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C762	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C763	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C764	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C765	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C766	95C0C374A1820	J	1800 10V Electrolytic	AM
C7701	95C0C194E4710	J	470p 50V Ceramic	AC
C7702	95C0C194E1010	J	100p 50V Ceramic	AC
C7703	95C0C195C1040	J	0.1 25V Ceramic	AD
C7704	95C0C195C1040	J	0.1 25V Ceramic	AD
C7705	95C0C194E3310	J	330p 50V Ceramic	AC
C7706	95C0C195E1030	J	0.01 50V Ceramic	AC
C7707	95C0C195E1030	J	0.01 50V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R702	95C0R390T2240	J	220k 1/4W	AC
R703	95C0R390T2240	J	220k 1/4W	AC
R704	95C0R390T2240	J	220k 1/4W	AC
R705	95C0R3Q0V1230	J	12k 1/10W	AB

CDENC0283CE01
POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R706	95C0R3Q0V1030	J	10k 1/10W	AB
R707	95C0R3Q0V1030	J	10k 1/10W	AB
R708	95C0R3Q0V3330	J	33k 1/10W	AB
R709	95C0R390T2240	J	220k 1/4W	AC
R710	95C0R390T1840	J	180k 1/4W	AC
R711	95C0R390T1840	J	180k 1/4W	AC
R712	95C0R3Q0V2220	J	2.2k 1/10W	AB
R713	95C0R391T1840	J	180k 1/4W	AC
R714	95C0R391T1840	J	180k 1/4W	AC
R715	95C0R391T1840	J	180k 1/4W	AC
R716	95C0R516FR100	J	0.1 3W	AN
R718	95C0R390T1010	J	100 1/4W	AC
R719	95C0R390T1000	J	10 1/4W	AC
R720	95C0R522F1000	J	10 5W	AQ
R721	95C0R390T1020	J	1k 1/4W	AC
R722	95C0R451C1000	J	10 1W	AD
R723	95C0R451C1000	J	10 1W	AD
R724	95C0R390T3910	J	390 1/4W	AC
R725	95C0R390T3300	J	33 1/4W	AC
R726	95C0R390T1020	J	1k 1/4W	AC
R727	95C0R390T2730	J	27k 1/4W	
R728	95C0R390T3340	J	330k 1/4W	AC
R729	95C0R390T1000	J	10 1/4W	AC
R730	95C0R390T5620	J	5.6k 1/4W	AC
R731	95C0R390T1510	J	150 1/4W	AC
R732	95C0R390T3310	J	330 1/4W	AC
R733	95C0R3Q0V3330	J	33k 1/10W	AB
R734	95C0R3Q1V4320	J	4.3k 1/8W	AC
R735	95C0R3Q0V4710	J	470 1/10W	AB
R736	95C0R3Q0V3340	J	330k 1/10W	AB
R737	95C0R3Q0V5620	J	5.6k 1/10W	AB
R740	95C0R390T3330	J	33k 1/4W	
R741	95C0R3Q1V1030	J	10k 1/10W	AC
R742	95C0R390T3320	J	3.3k 1/4W	AC
R743	95C0R390T3340	J	330k 1/4W	AC
R744	95C0R390T3340	J	330k 1/4W	AC
R745	95C0R390T1010	J	100 1/4W	AC
R746	95C0R451C3340	J	330k 1W	
R747	95C0R3Q3V2220	J	2.2k 1/10W	AC
R748	95C0R3Q3V1230	J	12k 1/10W	AC
R751	95C0R3Q0V1020	J	1k 1/10W	AB
R754	95C0R390T1020	J	1k 1/4W	AC
R755	95C0R390T3320	J	3.3k 1/4W	AC
R756	95C0R3Q0V1020	J	1k 1/10W	AB
R757	95C0R3Q0V1020	J	1k 1/10W	AB
R758	95C0R390T3910	J	390 1/4W	AC
R759	95C0R390T2230	J	22k 1/4W	AC
R760	95C0R3Q0V4700	J	47 1/10W	AB
R761	95C0R3Q0V1020	J	1k 1/10W	AB
R762	95C0R3Q0V1030	J	10k 1/10W	AB
R763	95C0R3Q1V2720	J	2.7k 1/10W	AC
R764	95C0R3Q1V1820	J	1.8k 1/10W	AC
R765	95C0R390T3310	J	330 1/4W	AC
R766	95C0R390T4720	J	4.7k 1/4W	AC
R768	95C0R390T2230	J	22k 1/4W	AC
R769	95C0R390T2230	J	22k 1/4W	AC
R7701	95C0R3Q0V8240	J	820k 1/10W	AB
R7703	95C0R3Q1V2220	J	2.2k 1/10W	AC
R7704	95C0R3Q0V1030	J	10k 1/10W	AB
R7705	95C0R3Q0V4740	J	470k 1/10W	AB
R7707	95C0R3Q3V2220	J	2.2k 1/10W	AC
R7709	95C0R3Q0V2200	J	22 1/10W	AB
R7710	95C0R3Q0V2240	J	220k 1/10W	AB
R7711	95C0R3Q1V2230	J	22k 1/10W	AC
R7712	95C0R3Q3V2720	J	2.7k 1/10W	AC
NTC751	95C0D726A1030	J	Transient Voltage NTH4G33B	AM
PTC701	95C0D802A1010	J	PTC Thermistor	AP

MISCELLANEOUS PARTS

BEA701	95C0L551A0010	J	Ferrite Bead BL02RN1-R62	AD
BEA703	95C0L551A0020	J	Ferrite Bead BL02RN2-R62	AE
ICP751	95C0K759AR800	J	491.800	AM
ICP752	95C0K791AR500	J	ICP-S0.5	
CN703	95C0WPS20790	J	Connector B2P3-VH	AF
CN704	95C0PWPS20720	J	Wire	AR
CN706	95C0K231B0120	J	Connector 12MQ-ST-L	AM
CN707	95C0K232B0120	J	Connector 12MQ-ST-L	AM
CN710	95C0K231B0100	J	Connector B10P-MQ-C	AL
CN711	95C0K232B0100	J	Connector B10P-MQ-C	AL
CN751	95C0K222B0240	J	Connector S24B-PHDSS	AP
CN752	95C0K248A0030	J	Connector B3B-EH-A	AF
CN753	95C0K262A0080	J	Connector B8B-XH-A	AP
CN754	95C0K225A0070	J	Connector 08JQ-ST	AM
CN755	95C0K262A0030	J	Connector 03JQ-ST	AL
CN756	95C0K225A0020	J	Connector B3B-XH-A	AG

CPCi-0029CE01/02
PC I/F UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8001	9DK001-10051	J	HD64F3337YF16	BL
IC8002	9DK001-15035	J	PST600CMT	AM
IC8003	9DK001-11015	J	AT24C64N-10SC	AZ
IC8004	9DK001-15052	J	M52722SP	AX
IC8005	9DK001-15027	J	NJM3403AV	AQ
IC8009	9DK001-15049	J	CXA3026Q	BP
IC8010	9DK001-15049	J	CXA3026Q	BP
IC8011	9DK001-15049	J	CXA3026Q	BP
IC8012	9DK001-15055	J	M62352GP	AR
IC8013	9DK001-15053	J	TL431CPS	AL
IC8014	9DK001-15027	J	NJM3403AV	AQ
IC8015	9DK001-15028	J	ICS1522M	BS
IC8016	9DK001-11015	J	AT24C64N-10SC	AZ
IC8017	9DK001-12054	J	HD74LVC08T	AH
IC8020	RH-iX3103CEZZ	J	I.C.	CP
IC8025	RH-iX3082CEZZ	J	I.C.	BR
IC8026	9DK001-15054	J	TLC2933IPW	AX
IC8029	RH-iX3196CEZZ	J	I.C.	BM
IC8030	9DK001-15058	J	LM385BM-1.2	AS
IC8036	RH-iX3206CEZZ	J	I.C.	AY
IC8037	RH-iX2962CEZZ	J	I.C.	BA

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8001	9DK001-20024	J	HN1C01F	AF
Q8002	9DK001-20024	J	HN1C01F	AF
Q8003	9DK001-20022	J	2SC2712	AD
Q8004	9DK001-20015	J	2SC3735	AF
Q8005	9DK001-20022	J	2SC2712	AD
Q8006	9DK001-20015	J	2SC3735	AF
Q8007	9DK001-20022	J	2SC2712	AD
Q8008	9DK001-20015	J	2SC3735	AF
Q8701	9DK001-20023	J	2SA1669	AK
Q8702	9DK001-20023	J	2SA1669	AK

DIODES

Ref. No.	Part No.	★	Description	Code
D8001	9DK001-30001	J	Diode 1SS193	AC
D8002	9DK001-30001	J	Diode 1SS193	AC

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X8001	9DK001-80010	J	Crystal, 10MHz	AM

FILTERS

Ref. No.	Part No.	★	Description	Code
FL8001	9DK001-82020	J	Filter, BMK351	AG
FL8002	9DK001-82020	J	Filter, BMK351	AG
FL8003	9DK001-82020	J	Filter, BMK351	AG
FL8004	9DK001-82020	J	Filter, BMK351	AG
FL8005	9DK001-82020	J	Filter, BMK351	AG
FL8006	9DK001-82020	J	Filter, BMK351	AG
FL8007	9DK001-82020	J	Filter, BMK351	AG
FL8008	9DK001-82020	J	Filter, BMK351	AG
FL8009	9DK001-82020	J	Filter, BMK351	AG
FL8012	9DK001-82020	J	Filter, BMK351	AG
FL8013	9DK001-82020	J	Filter, BMK351	AG
FL8014	9DK001-82020	J	Filter, BMK351	AG
FL8015	9DK001-82020	J	Filter, BMK351	AG
FL8016	9DK001-82020	J	Filter, BMK351	AG
FL8017	9DK001-82020	J	Filter, BMK351	AG
FL8019	9DK001-82020	J	Filter, BMK351	AG
FL8021	9DK001-82020	J	Filter, BMK351	AG
FL8023	9DK001-82020	J	Filter, BMK351	AG
FL8035	9DK001-82020	J	Filter, BMK351	AG
FL8036	9DK001-82020	J	Filter, BMK351	AG
FL8037	9DK001-82020	J	Filter, BMK351	AG
FL8038	9DK001-82020	J	Filter, BMK351	AG

CAPACITORS

Ref. No.	Part No.	★				Code
C8001	9DK001-40077	J	10	16V	Electrolytic	AF
C8002	9DK001-42096	J	0.01	50V	Ceramic	AC
C8003	9DK001-42094	J	0.1	25V	Ceramic	AC
C8004	9DK001-42094	J	0.1	25V	Ceramic	AC
C8005	9DK001-42096	J	0.01	50V	Ceramic	AC
C8006	9DK001-42070	J	1	16V	Ceramic	AD
C8007	9DK001-42096	J	0.01	50V	Ceramic	AC
C8008	9DK001-42070	J	1	16V	Ceramic	AD
C8009	9DK001-42097	J	22p	50V	Ceramic	AC
C8010	9DK001-42096	J	0.01	50V	Ceramic	AC
C8011	9DK001-42096	J	0.01	50V	Ceramic	AC
C8014	9DK001-42094	J	0.1	25V	Ceramic	AC
C8015	9DK001-42094	J	0.1	25V	Ceramic	AC
C8016	9DK001-42094	J	0.1	25V	Ceramic	AC
C8017	9DK001-42094	J	0.1	25V	Ceramic	AC
C8018	9DK001-42094	J	0.1	25V	Ceramic	AC
C8019	9DK001-42094	J	0.1	25V	Ceramic	AC
C8020	9DK001-42094	J	0.1	25V	Ceramic	AC
C8021	9DK001-42094	J	0.1	25V	Ceramic	AC
C8022	9DK001-40079	J	47	16V	Electrolytic	AG
C8023	9DK001-43018	J	10	16V	Tantalum	AH
C8024	9DK001-42096	J	0.01	50V	Ceramic	AC
C8025	9DK001-43018	J	10	16V	Tantalum	AH
C8026	9DK001-42096	J	0.01	50V	Ceramic	AC
C8027	9DK001-43018	J	10	16V	Tantalum	AH
C8028	9DK001-42096	J	0.01	50V	Ceramic	AC
C8029	9DK001-42094	J	0.1	25V	Ceramic	AC
C8030	9DK001-42096	J	0.01	50V	Ceramic	AC
C8031	9DK001-42094	J	0.1	25V	Ceramic	AC
C8032	9DK001-42096	J	0.01	50V	Ceramic	AC
C8033	9DK001-42094	J	0.1	25V	Ceramic	AC
C8034	9DK001-42096	J	0.01	50V	Ceramic	AC
C8035	9DK001-42094	J	0.1	25V	Ceramic	AC
C8036	9DK001-40075	J	2.2	35V	Electrolytic	AF
C8037	9DK001-42096	J	0.01	50V	Ceramic	AC
C8038	9DK001-40075	J	2.2	35V	Electrolytic	AF
C8039	9DK001-42096	J	0.01	50V	Ceramic	AC
C8040	9DK001-40075	J	2.2	35V	Electrolytic	AF
C8041	9DK001-42096	J	0.01	50V	Ceramic	AC
C8042	9DK001-40079	J	47	16V	Electrolytic	AG
C8043	9DK001-42094	J	0.1	25V	Ceramic	AC
C8044	9DK001-42096	J	0.01	50V	Ceramic	AC

CPCi-0029CE01/02
PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C8045	9DK001-42096	J	0.01	50V	Ceramic	AC
C8046	9DK001-42094	J	0.1	25V	Ceramic	AC
C8047	9DK001-42094	J	0.1	25V	Ceramic	AC
C8048	9DK001-42094	J	0.1	25V	Ceramic	AC
C8049	9DK001-42094	J	0.1	25V	Ceramic	AC
C8050	9DK001-42096	J	0.01	50V	Ceramic	AC
C8054	9DK001-42094	J	0.1	25V	Ceramic	AC
C8055	9DK001-42094	J	0.1	25V	Ceramic	AC
C8056	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8057	9DK001-42096	J	0.01	50V	Ceramic	AC
C8058	9DK001-40074	J	1	50V	Electrolytic	AF
C8059	9DK001-42094	J	0.1	25V	Ceramic	AC
C8060	9DK001-42094	J	0.1	25V	Ceramic	AC
C8061	9DK001-42094	J	0.1	25V	Ceramic	AC
C8062	9DK001-42094	J	0.1	25V	Ceramic	AC
C8063	9DK001-40074	J	1	50V	Electrolytic	AF
C8064	9DK001-42094	J	0.1	25V	Ceramic	AC
C8065	9DK001-42096	J	0.01	50V	Ceramic	AC
C8066	9DK001-42096	J	0.01	50V	Ceramic	AC
C8067	9DK001-40077	J	10	16V	Electrolytic	AF
C8068	9DK001-42096	J	0.01	50V	Ceramic	AC
C8069	9DK001-42096	J	0.01	50V	Ceramic	AC
C8070	9DK001-42096	J	0.01	50V	Ceramic	AC
C8071	9DK001-42096	J	0.01	50V	Ceramic	AC
C8072	9DK001-42096	J	0.01	50V	Ceramic	AC
C8073	9DK001-40077	J	10	16V	Electrolytic	AF
C8074	9DK001-42096	J	0.01	50V	Ceramic	AC
C8075	9DK001-40077	J	10	16V	Electrolytic	AF
C8076	9DK001-40074	J	1	50V	Electrolytic	AF
C8077	9DK001-42094	J	0.1	25V	Ceramic	AC
C8078	9DK001-42094	J	0.1	25V	Ceramic	AC
C8079	9DK001-42094	J	0.1	25V	Ceramic	AC
C8080	9DK001-42094	J	0.1	25V	Ceramic	AC
C8081	9DK001-40074	J	1	50V	Electrolytic	AF
C8082	9DK001-42094	J	0.1	25V	Ceramic	AC
C8083	9DK001-42096	J	0.01	50V	Ceramic	AC
C8084	9DK001-42096	J	0.01	50V	Ceramic	AC
C8085	9DK001-40077	J	10	16V	Electrolytic	AF
C8086	9DK001-42096	J	0.01	50V	Ceramic	AC
C8087	9DK001-42096	J	0.01	50V	Ceramic	AC
C8088	9DK001-42096	J	0.01	50V	Ceramic	AC
C8089	9DK001-42096	J	0.01	50V	Ceramic	AC
C8090	9DK001-42096	J	0.01	50V	Ceramic	AC
C8091	9DK001-42096	J	0.01	50V	Ceramic	AC
C8092	9DK001-40074	J	1	50V	Electrolytic	AF
C8093	9DK001-42094	J	0.1	25V	Ceramic	AC
C8094	9DK001-42094	J	0.1	25V	Ceramic	AC
C8095	9DK001-42094	J	0.1	25V	Ceramic	AC
C8096	9DK001-42094	J	0.1	25V	Ceramic	AC
C8097	9DK001-40074	J	1	50V	Electrolytic	AF
C8098	9DK001-42094	J	0.1	25V	Ceramic	AC
C8099	9DK001-42096	J	0.01	50V	Ceramic	AC
C8100	9DK001-42096	J	0.01	50V	Ceramic	AC
C8101	9DK001-40077	J	10	16V	Electrolytic	AF
C8102	9DK001-42096	J	0.01	50V	Ceramic	AC
C8103	9DK001-42096	J	0.01	50V	Ceramic	AC
C8104	9DK001-42096	J	0.01	50V	Ceramic	AC
C8105	9DK001-42096	J	0.01	50V	Ceramic	AC
C8106	9DK001-42096	J	0.01	50V	Ceramic	AC
C8107	9DK001-42096	J	0.01	50V	Ceramic	AC
C8108	9DK001-42102	J	2200p	50V	Ceramic	AC
C8109	9DK001-42100	J	200p	50V	Ceramic	AC
C8110	9DK001-40077	J	10	16V	Electrolytic	AF
C8111	9DK001-42096	J	0.01	50V	Ceramic	AC
C8112	9DK001-42096	J	0.01	50V	Ceramic	AC
C8113	9DK001-40077	J	10	16V	Electrolytic	AF
C8114	9DK001-42096	J	0.01	50V	Ceramic	AC
C8115	9DK001-42096	J	0.01	50V	Ceramic	AC
C8125	9DK001-42098	J	30p	50V	Ceramic	AC
C8127	9DK001-42096	J	0.01	50V	Ceramic	AC
C8128	9DK001-42098	J	30p	50V	Ceramic	AC
C8130	9DK001-42099	J	100p	50V	Ceramic	AC
C8131	9DK001-42101	J	220p	50V	Ceramic	AC
C8132	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8133	9DK001-42096	J	0.01	50V	Ceramic	AC
C8134	9DK001-42096	J	0.01	50V	Ceramic	AC
C8137	9DK001-42096	J	0.01	50V	Ceramic	AC
C8138	9DK001-42096	J	0.01	50V	Ceramic	AC
C8141	9DK001-42096	J	0.01	50V	Ceramic	AC
C8142	9DK001-42096	J	0.01	50V	Ceramic	AC
C8145	9DK001-42096	J	0.01	50V	Ceramic	AC
C8146	9DK001-42096	J	0.01	50V	Ceramic	AC
C8150	9DK001-42098	J	30p	50V	Ceramic	AC
C8151	9DK001-42098	J	30p	50V	Ceramic	AC
C8159	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8160	9DK001-42096	J	0.01	50V	Ceramic	AC
C8161	9DK001-42096	J	0.01	50V	Ceramic	AC
C8162	9DK001-42096	J	0.01	50V	Ceramic	AC
C8163	9DK001-42096	J	0.01	50V	Ceramic	AC
C8164	9DK001-42096	J	0.01	50V	Ceramic	AC
C8165	9DK001-42096	J	0.01	50V	Ceramic	AC
C8166	9DK001-42096	J	0.01	50V	Ceramic	AC
C8167	9DK001-42096	J	0.01	50V	Ceramic	AC
C8168	9DK001-42096	J	0.01	50V	Ceramic	AC
C8169	9DK001-42096	J	0.01	50V	Ceramic	AC
C8170	9DK001-42096	J	0.01	50V	Ceramic	AC
C8171	9DK001-42096	J	0.01	50V	Ceramic	AC
C8176	9DK001-42096	J	0.01	50V	Ceramic	AC
C8177	9DK001-42096	J	0.01	50V	Ceramic	AC
C8178	9DK001-40077	J	10	16V	Electrolytic	AF
C8180	9DK001-42094	J	0.1	25V	Ceramic	AC
C8181	9DK001-43017	J	0.1	35V	Tantalum	AF
C8195	9DK001-42096	J	0.01	50V	Ceramic	AC
C8196	9DK001-42096	J	0.01	50V	Ceramic	AC
C8197	9DK001-42096	J	0.01	50V	Ceramic	AC
C8200	9DK001-40074	J	1	50V	Electrolytic	AF
C8201	9DK001-42096	J	0.01	50V	Ceramic	AC
C8202	9DK001-40079	J	47	16V	Electrolytic	AG
C8203	9DK001-42094	J	0.1	25V	Ceramic	AC

CPCi-0029CE01/02
PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C8204	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8205	9DK001-42094	J	0.1	25V	Ceramic	AC
C8206	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8207	9DK001-42094	J	0.1	25V	Ceramic	AC
C8208	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8209	9DK001-42094	J	0.1	25V	Ceramic	AC
C8214	9DK001-42094	J	0.1	25V	Ceramic	AC
C8215	9DK001-40078	J	22	16V	Electrolytic	AF
C8220	9DK001-42094	J	0.1	25V	Ceramic	AC
C8221	9DK001-42094	J	0.1	25V	Ceramic	AC
C8222	9DK001-40076	J	4.7	35V	Electrolytic	AF

RESISTORS

FL8010	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8011	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8018	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8022	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8024	9DK001-50151	J	0	1W	Chip 6432	AA
FL8025	9DK001-50151	J	0	1W	Chip 6432	AA
FL8028	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8029	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8030	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8031	9DK001-50151	J	0	1W	Chip 6432	AA
FL8032	9DK001-50151	J	0	1W	Chip 6432	AA
FL8033	9DK001-50151	J	0	1W	Chip 6432	AA
FL8034	9DK001-50151	J	0	1W	Chip 6432	AA
FL8040	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8045	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8046	9DK001-50110	J	0	1/10W	Chip 2125	AB
R287	9DK001-50193	J	2k	1/16W	Chip 1608	AB
R8002	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8003	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8004	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8005	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8006	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8007	9DK001-50184	J	5.6k	1/16W	Chip 1608	AA
R8008	9DK001-50174	J	560	1/16W	Chip 1608	AA
R8009	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8010	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8011	9Dk001-50186	J	22k	1/16W	Chip 1608	AA
R8012	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8013	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8014	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8015	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8016	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8017	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8018	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8019	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8020	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8021	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8022	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8023	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8024	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8025	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8026	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8027	9DK001-51031	J	4.7k	1/16W	Resistor Array	AD
R8028	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8029	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8030	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8031	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8032	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8033	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8034	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8035	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8036	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8046	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8050	9DK001-50160	J	33	1/16W	Chip 1608	AA
R8051	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8053	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8056	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8057	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8058	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8059	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8060	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8061	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8062	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8063	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8064	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8065	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8066	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8067	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8068	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8069	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8070	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8071	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8072	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8073	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8074	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8075	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8076	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8077	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8078	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8079	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8080	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8081	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8082	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8083	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8084	9DK001-50152	J	1.5k	1/16W	Chip 1608	AB
R8085	9DK001-50156	J	3.3k	1/16W	Chip 1608	AB
R8086	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8087	9DK001-50179	J	2.2k	1/16W	Chip 1608	AA
R8088	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8089	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8090	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8091	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8092	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8093	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8094	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8095	9DK001-50165	J	100	1/16W	Chip 1608	AA

CPCi-0029CE01/02
PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
R8096	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8097	9DK001-50189	J	130k	1/16W	Chip 1608	AA
R8098	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8099	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8100	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8101	9DK001-50177	J	1k	1/16W	Chip 1608	AA
R8102	9DK001-50177	J	1k	1/16W	Chip 1608	AA
R8103	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8104	9DK001-50172	J	430	1/16W	Chip 1608	AA
R8105	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8106	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8107	9DK001-50179	J	2.2k	1/16W	Chip 1608	AA
R8108	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8109	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8110	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8111	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8112	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8113	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8114	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8115	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8124	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8125	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8126	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8127	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8128	9DK001-50164	J	82	1/16W	Chip 1608	AA
R8129	9DK001-50183	J	4.7k	1/16W	Chip 1608	AA
R8130	9DK001-50183	J	4.7k	1/16W	Chip 1608	AA
R8132	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8133	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8134	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8135	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8136	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8137	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8138	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8140	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8141	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8143	9DK001-50169	J	220	1/16W	Chip 1608	AA
R8144	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8145	9DK001-50164	J	82	1/16W	Chip 1608	AA
R8148	9DK001-50168	J	200	1/16W	Chip 1608	AA
R8149	9DK001-50190	J	1M	1/16W	Chip 1608	AA
R8150	9DK001-50168	J	200	1/16W	Chip 1608	AA
R8151	9DK001-50168	J	200	1/16W	Chip 1608	AA
R8152	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8153	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8156	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8157	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8158	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8159	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8161	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8163	9DK001-50175	J	680	1/16W	Chip 1608	AA
R8164	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8165	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8166	9DK001-50166	J	120	1/16W	Chip 1608	AA
R8167	9DK001-50179	J	2.2k	1/16W	Chip 1608	AA
R8168	9DK001-50180	J	2.7k	1/16W	Chip 1608	AA
R8169	9DK001-50170	J	270	1/16W	Chip 1608	AA
R8191	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8192	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8193	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8194	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8195	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8196	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8197	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8198	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8199	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8200	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8201	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8202	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8203	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8204	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8205	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8206	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8207	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8208	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8211	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8219	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8221	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8222	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8223	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8224	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8225	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8226	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8227	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8228	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8229	9DK001-50169	J	220	1/16W	Chip 1608	AA
R8230	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8244	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8246	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8248	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8249	9DK001-50191	J	150	1/16W	Chip 1608	AB
R8250	9DK001-50194	J	10k	1/10W	Chip 1608	AB
R8251	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8252	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8266	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8267	9DK001-50183	J	4.7k	1/16W	Chip 1608	AA
R8268	9DK001-50183	J	4.7k	1/16W	Chip 1608	AA
R8271	9DK001-50160	J	33	1/16W	Chip 1608	AA
R8272	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8273	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8274	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8277	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8278	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8279	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8285	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8701	9DK001-50169	J	220	1/16W	Chip 1608	AA
R8704	9DK001-50169	J	220	1/16W	Chip 1608	AA

Ref. No.	Part No.	★	Description	Code

CPCi-0029CE01/02
PC I/F UNIT (Continued)

MISCELLANEOUS PARTS

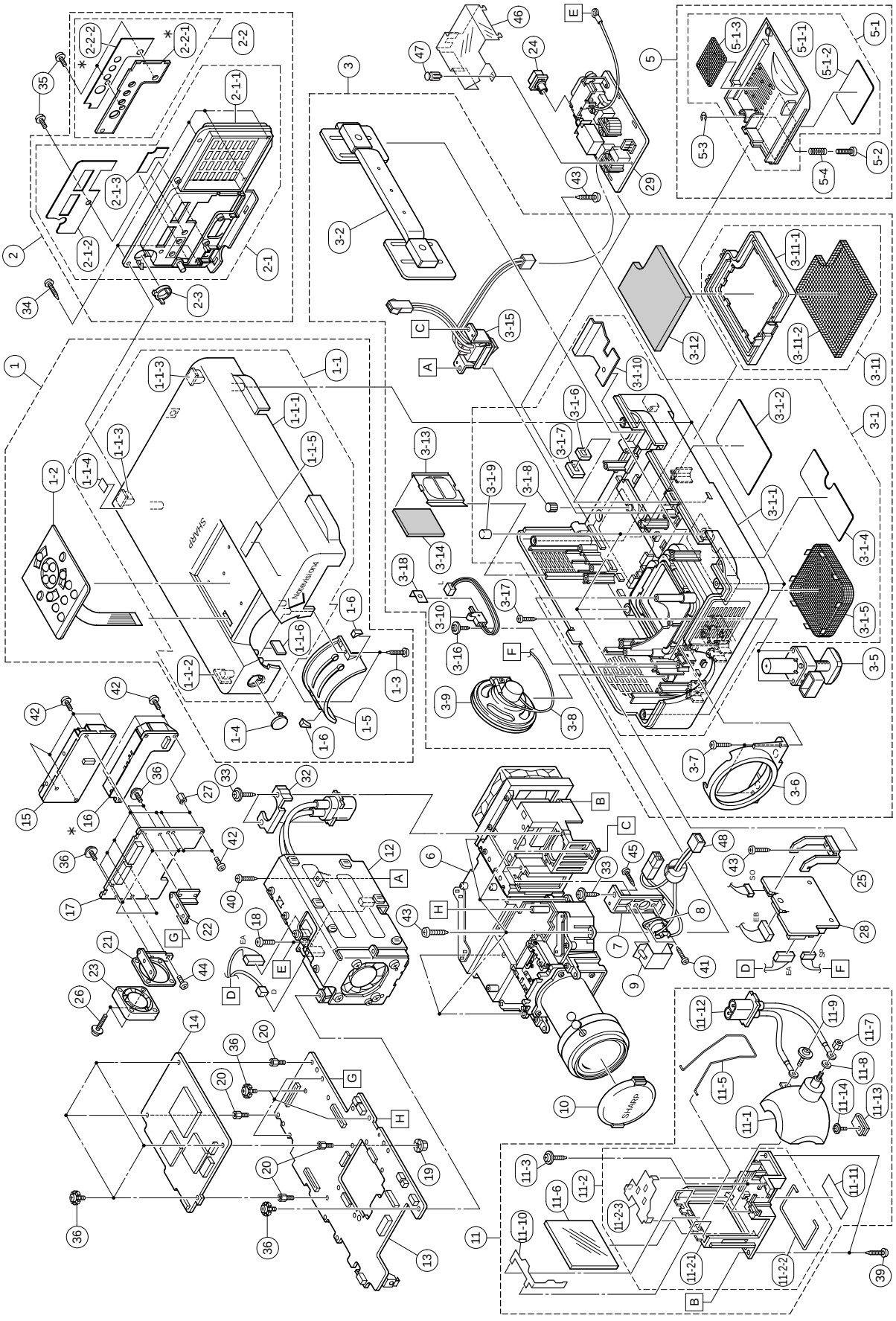
FB8001	9DK001-81016	J	Inductor BLM21A121S	AG
FB8002	9DK001-81016	J	Inductor BLM21A121S	AG
FB8003	9DK001-81016	J	Inductor BLM21A121S	AG
FB8004	9DK001-81016	J	Inductor BLM21A121S	AG
FB8005	9DK001-81016	J	Inductor BLM21A121S	AG
FB8008	9DK001-81043	J	Inductor BLM21B751S	AG
FB8010	9DK001-81016	J	Inductor BLM21A121S	AG
FB8012	9DK001-81016	J	Inductor BLM21A121S	AG
P8001	9DK001-60039	J	Plug, 8-pin (FW)	AG
P8404	9DK001-60038	J	Connector, 60-pin (TC3)	AR
P8405	9DK001-60038	J	Connector, 60-pin (TC2)	AR
P8502	9DK001-60038	J	Connector, 60-pin (TC1)	AR
TP8001	9DK001-84014	J	Lug, Test Point	AE
TP8002	9DK001-84014	J	Lug, Test Point	AE
TP8003	9DK001-84014	J	Lug, Test Point	AE
TP8004	9DK001-84014	J	Lug, Test Point	AE
TP8005	9DK001-84014	J	Lug, Test Point	AE
TP8006	9DK001-84014	J	Lug, Test Point	AE
TP8007	9DK001-84014	J	Lug, Test Point	AE
TP8008	9DK001-84014	J	Lug, Test Point	AE

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	*Not Available*	–	Top Cabinet Ass'y	—
1-1	DBDYT1123CEK1	J	Top Cabinet Ass'y (XG-NV4SE)	BP
1-1	DBDYT1124CEK1	J	Top Cabinet Ass'y (XG-NV4SM)	
1-1	DBDYT1125CEK1	J	Top Cabinet Ass'y (XG-NV40SA)	
1-1-1	*Not Available*	–	Top Cabinet	—
1-1-2	*Not Available*	–	Holder	—
1-1-3	*Not Available*	–	Holder, x2	—
1-1-4	*Not Available*	–	QI Label	—
1-1-5	*Not Available*	–	Lens Caution Label	—
1-1-6	*Not Available*	–	Tefron Tape, x2	—
1-2	QSW-Z0061CEZZ	J	Operation Key Unit	BB
1-3	XEBSD30P12000	J	Screw, x2	AA
1-4	GCOVA1771CESA	J	R/C Cover, Front	AE
1-5	GCOVA1776CEKA	J	Lens DEC Cover	AP
1-6	PMLT-0348CEZZ	J	Molt, x2	AE
2	*Not Available*	–	Rear Cabinet Ass'y	—
2-1	DBDYR1086CEK1	J	Rear Cabinet Ass'y (XG-NV4SE: For Europe and U.K.)	BH
2-1	DBDYR1086CEK2	J	Rear Cabinet Ass'y (XG-NV4SE: For Australia, New Zealand and Hong Kong)	
2-1	DBDYR1075CEK1	J	Rear Cabinet Ass'y (XG-NV4SM)	AS
2-1	DBDYR1086CEK3	J	Rear Cabinet Ass'y (XG-NV40SA)	
2-1-1	*Not Available*	–	Rear Cabinet	—
2-1-2	*Not Available*	–	PC Terminal Indication Sheet	—
2-1-3	*Not Available*	–	AC Index	—
2-2	DCOVA1775CEK1	J	Video Terminal Cover Ass'y (XG-NV4SE: For Europe)	AS
2-2	CCOVA1774CEK2	J	Video Terminal Cover Ass'y (XG-NV4SE: For U.K.)	
2-2	DCOVA1774CEK3	J	Video Terminal Cover Ass'y (XG-NV4SE: For Australia, New Zealand and Hong Kong. XG-NV4SM, XG-NV40SA)	AK
2-2-1	*Not Available*	–	Video Terminal Cover	—
2-2-2	*Not Available*	–	Video Terminal Indication Sheet	—
2-3	GCOVA1779CESA	J	R/C Cover, Rear	AE
3	*Not Available*	–	Bottom Cabinet Ass'y	—
3-1	DBDYU1102CEK1	J	Bottom Cabinet Ass'y (XG-NV4SE: For Europe)	BR
3-1	DBDYU1102CEK2	J	Bottom Cabinet Ass'y (XG-NV4SE: For U.K.)	
3-1	DBDYU1102CEK3	J	Bottom Cabinet Ass'y (XG-NV4SE: For Australia and New Zealand)	
3-1	DBDYU1102CEK4	J	Bottom Cabinet Ass'y (XG-NV4SE: For Hong Kong)	
3-1	DBDYU1084CEK3	J	Bottom Cabinet Ass'y (XG-NV4SM)	BB
3-1	DBDYU1102CEK5	J	Bottom Cabinet Ass'y (XG-NV40SA)	
3-1-1	*Not Available*	–	Bottom Cabinet	—
3-1-2	*Not Available*	–	Model Label	—
3-1-4	*Not Available*	–	English/French/Spanish Caution Label	—
3-1-5	*Not Available*	–	Punching Plate	—
3-1-6	*Not Available*	–	Angle	—
3-1-7	*Not Available*	–	Shielding Holder	—
3-1-8	*Not Available*	–	Nut	—
3-1-9	*Not Available*	–	Nut, x3	—
3-1-10	*Not Available*	–	Insulator (XG-NV4SE, XG-NV40SA)	—
3-2	JHNDA1038CESA	J	Handle	AW
3-5	GLEGP9119CEKA	J	Adjuster	AU
3-6	GCOVA1773CEKA	J	Front Cover	AK
3-7	XEBSD30P12000	J	Screw, x2	AA
3-8	QCNW-5062CEZZ	J	Speaker Lead Wire	AE
3-9	VSP0080PBL68A	J	Speaker	AN
3-10	QCNW-5063CEZZ	J	Left Switch	AK
3-11	DCOVA1775CEK1	J	Intake Cover Ass'y	AS
3-11-1	*Not Available*	–	Intake Cover	—
3-11-2	*Not Available*	–	Intake Cover Punching	—
3-12	PFiLD0075CEZZ	J	Intake Air Filter	AD
3-13	LHLDZ9144CEKZ	J	Holder, Side Filter	AH
3-14	PFiLD0078CEZZ	J	Side Filter	AC
3-15	QCNW-5064CEZZ	J	AC Switch Wire	AX
3-16	LX-HZ3066CEFD	J	Screw	AB
3-17	XEBSD26P14000	J	Screw, x2	AA
3-18	PZETK0072CEKZ	J	Insulator (XG-NV4SE, XG-NV40SA)	AB
5	*Not Available*	–	Lamp Cage Cover Ass'y	—
5-1	DDORU1008CEK3	J	Lamp Cage Cover Ass'y (XG-NV4SE)	AR
5-1	DDORU1008CEK2	J	Lamp Cage Cover Ass'y (XG-NV4SM)	AR
5-1	DDORU1008CEK9	J	Lamp Cage Cover Ass'y (XG-NV40SA)	
5-1-1	*Not Available*	–	Lamp Cage Cover	—
5-1-2	*Not Available*	–	Italian Label (XG-NV4SE/SM)	—
5-1-2	*Not Available*	–	Recess Cover (XG-NV40SA)	—
5-1-3	*Not Available*	–	Dust Cover	—
5-2	LX-BZ1009CEFF	J	Screw	AD
5-3	XRESJ30-06000	J	E-Ring	AA
5-4	MSPRC0202CEFW	J	Spring	AB
6	*Refer to Optics Mechanism Parts*			
7	LHLDZ2093CEKZ	J	Bimetal Holder	AK

CABINET AND MECHANICAL PARTS / GEÄUSE UND MECHANISCHE BAUTEILE 壳罩与及机械零件分解图

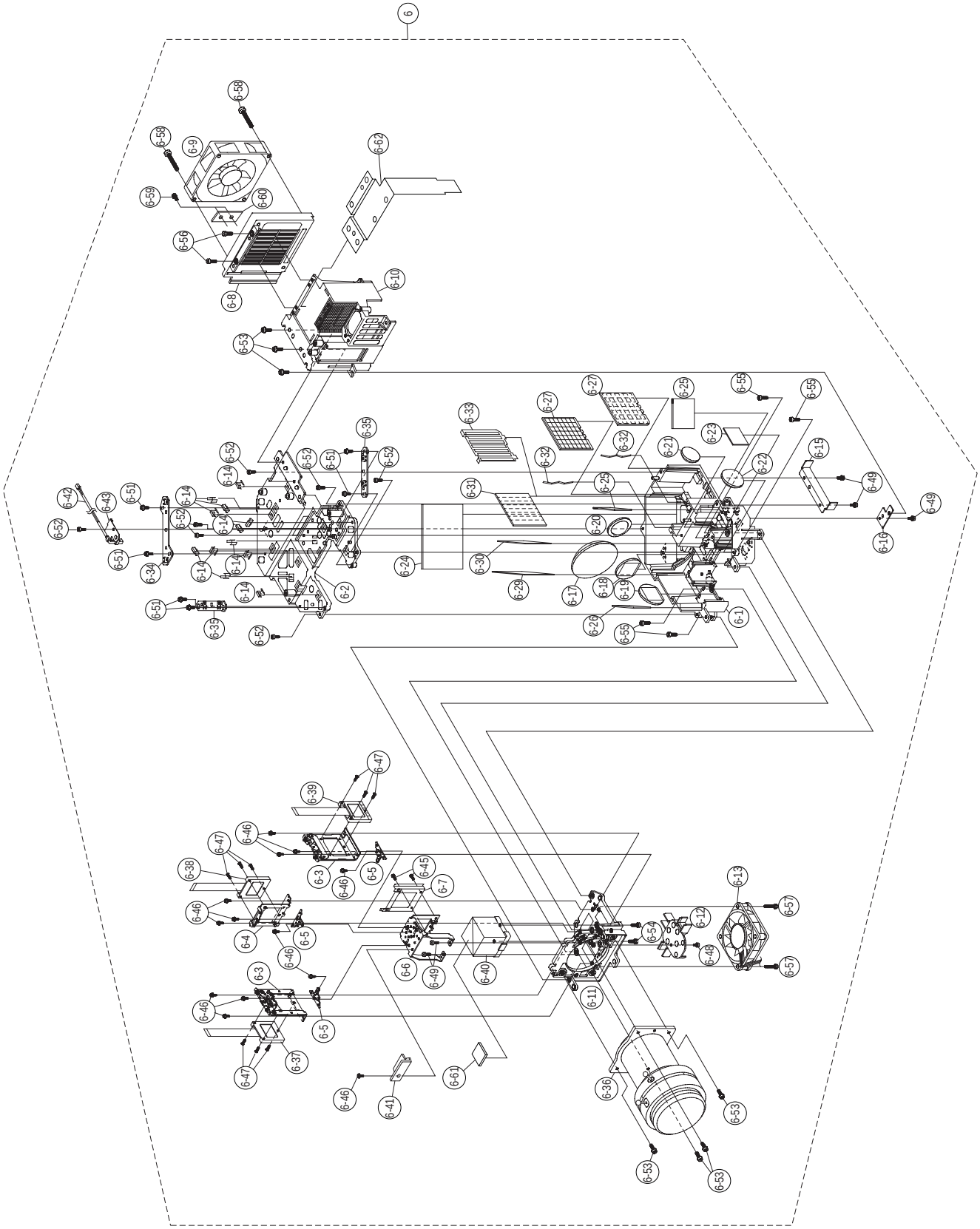
∗ (For XG-NV4SM, XG-NV40SA as well as AUSTRALIA, NEW ZEALAND and HONG KONG versions of XG-NV4SE)



CABINET AND MECHANICAL PARTS (Continued)

Ref. No.	Part No.	★	Description	Code
8	RBiM-0001CEZZ	J	Bimetal	AN
9	PCOVW9007CEKZ	J	Bimetal Cover	AF
10	GCOVH1307CESA	J	Lens Cap	AV
⚠ 11	BQC-XGNV4SE/1	J	Lamp/Cage Module Unit	CQ
⚠ 11-1	CLMPF0055DE01	J	Lamp/Mirror Ass'y	CL
11-2	CCASZ1028CE01	J	Lamp Case Ass'y	AV
11-2-1	PCASZ1028CEKZ	J	Lamp Case	AT
11-2-2	LHLDZ3058CEFW	J	Handle	AE
11-2-3	PSLDH3072CEFW	J	Shild	AE
11-3	LX-HZ3105CEFD	J	Screw, x2	AB
11-5	MSPRK0061CEFW	J	Spring	AG
11-6	PFiLW0212CEZZ	J	UV/IR Filter	BH
11-7	LX-NZ3108CEFN	J	Nut	AA
11-8	LX-WZ3102CEFN	J	Washer	AA
11-9	LX-BZ3270CEFN	J	Screw	AA
11-10	PCOVZ3006CEFW	J	Cover	AE
11-11	TLABZ0626CEZZ	J	Label	AC
11-12	QPLGN0156FJZZ	J	Plug	AN
11-13	LANGK0679CEFW	J	Spring Angle	AG
11-14	XBPSD30P06JS0	J	Screw	AA
12	*Refer to Power/Ballast Unit Parts*			
13	*Not Available*	–	Output Unit	—
14	*Not Available*	–	PC I/F Unit	—
15	*Not Available*	–	PC Terminal Unit	—
16	*Not Available*	–	Video Unit (For XG-NV4SM, XG-NV40SA as well as AUSTRALIA, NEW ZEALAND and HONG KONG versions of XG-NV4SE)	—
17	*Not Available*	–	Signal Unit	—
18	XBPSD40P08JS0	J	Screw	AA
19	LX-NZ3166CEFD	J	Nut	AA
20	NSFTZ0144CEFW	J	Spacer, x4	AD
21	LANGT3264CEFW	J	Angle (L)	AP
22	LANGT3265CEFW	J	Angle (R)	AH
23	NFANR0090CE00	J	Fan	BA
24	JKNBP1065CESC	J	Button, Main Power Switch	AE
25	LANGQ5709CEFW	J	Angle	AE
26	LX-BZ3411CEFD	J	Screw, x2	AA
27	NSFTZ0140CEFW	J	Shaft, x7	AC
28	*Not Available*	–	Sound Out/Regulator Unit	—
29	*Not Available*	–	Inlet Unit	—
32	LHLDZ2099CEKZ	J	Lamp Socket	AF
33	XEPSD30P10000	J	Screw, x3	AA
34	XTBSF30P10000	J	Screw, x5	AA
35	XBPSF30P12000	J	Screw, x4	AA
36	XBPSD30P06R00	J	Screw, x12	AB
39	XBBSD30P10000	J	Screw, x2	AA
40	XTASD30P10000	J	Screw, x1	AA
41	XEBSD30P06000	J	Screw, x2	AA
42	XBPSD26P04000	J	Screw, x13	AA
43	XTASD30P16000	J	Screw, x11	AA
44	XBBSF26P05000	J	Screw, x1	AA
45	XEPSD30P08000	J	Screw, x1	AA
46	PCOVW9008CEZZ	J	Cover	AK
47	LX-LZ1008CEZZ	J	Rivet, x1	AC
48	QCNW-4929CEZZ	J	Bimetal Wire	AG

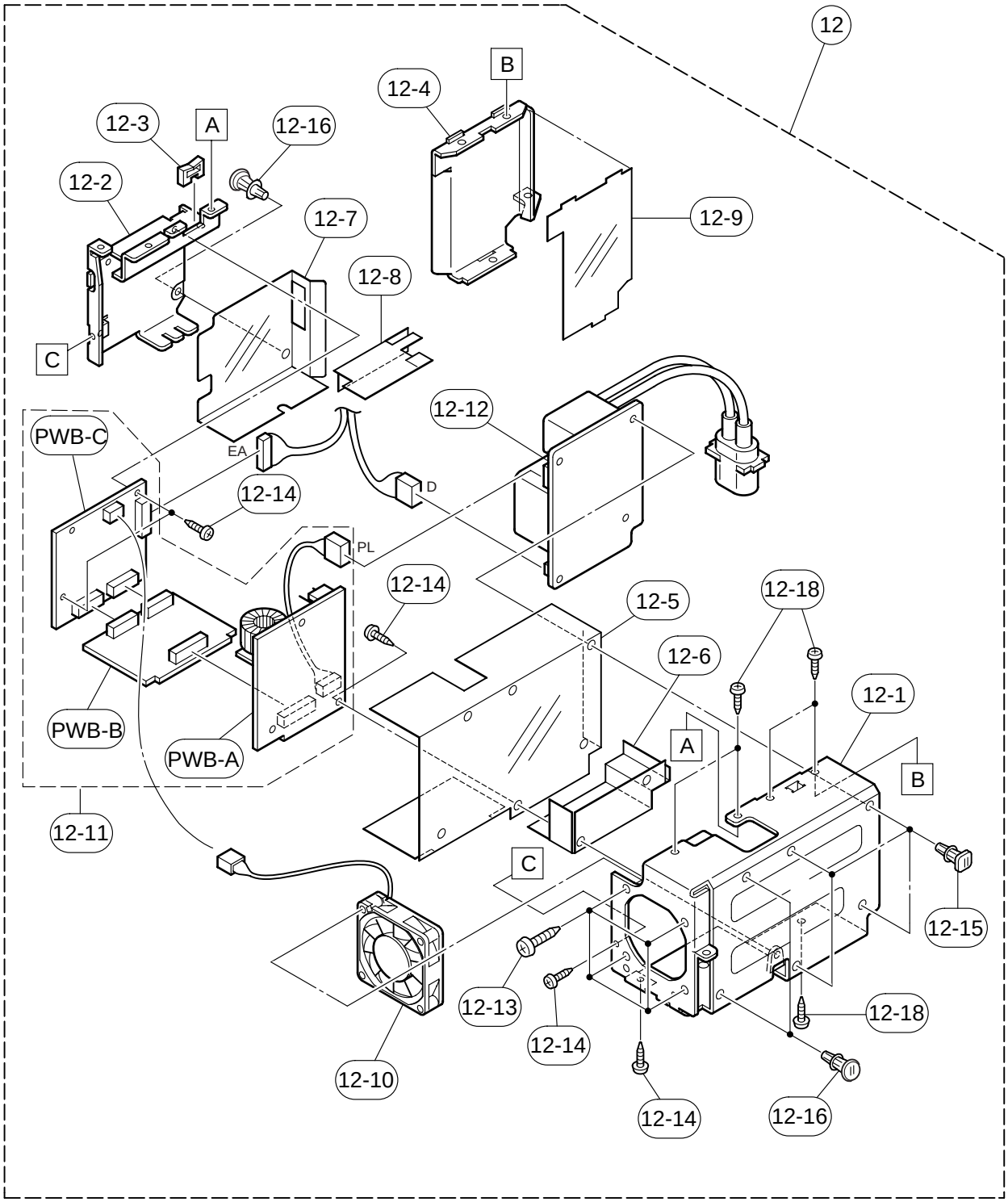
OPTICS MECHANISM PARTS /
TEILE FÜR OPTIKMECHANISMUS
光学机械装置的零件分解图



OPTICS MECHANISM PARTS

Ref. No.	Part No.	★	Description	Code
6	CCHSK0075CE01	J	Optics Macha. Ass'y	EZ
6-1	LCHSK0074CEFW	J	Optics Mecha. Base	BL
6-2	LCHSK0075CEFW	J	Optics Mecha. Cover	BL
6-3	CANGK0675CE01	J	R/B Convergence Unit, x2	AY
6-4	LANGK0674CEFW	J	G Adjusting Plate	AG
6-5	LANGK0677CEFW	J	Slide Plate, x3	AD
6-6	LANGG1165CEFW	J	Guide Plate	AQ
6-7	PSLDP3056CEFW	J	Light Shielding Plate (LCD Module Unit, Green)	AL
6-8	PDUC-0080CEKZ	J	Duct ,Side	AU
6-9	NFANR0087CE00	J	Cooling Fan(Exhaust)	AZ
6-10	CDUC-0079CE01	J	Duct ,Top	AT
6-11	LHLDZ3057CEFW	J	Holder, for Prizm	BC
6-12	PGiDH0016CEKZ	J	Flap	AD
6-13	NFANR0086CE00	J	Cooling Fan(Intake)	AY
6-14	MSPRP1198CEFW	J	Mirror Fitting Spring, x29	AD
6-15	LANGH0143CEFW	J	Light Shielding Plate	AF
6-16	LANGK0680CEFW	J	Duct Holding Plate	AE
6-17	PLNS-0148CEZZ	J	CL1	BB
6-18	PLNS-0150CEZZ	J	CL3 (for Green)	BG
6-19	PLNS-0149CEZZ	J	CL2 (for Red)	BG
6-20	PLNS-0151CEZZ	J	RL1 (Incoming-Light)	AU
6-21	PLNS-0152CEZZ	J	RL2	AX
6-22	PLNS-0153CEZZ	J	RL3 (Outgoing-Light)	AU
6-23	PFiLW0211CEZZ	J	Polarizer B	AZ
6-24	PMiR-0216CEZZ	J	Mirror-M1	AN
6-25	PMiR-0219CEZZ	J	Mirror-M4/M6 ,x2	AS
6-26	PMiR-0220CEZZ	J	Mirror-M5	AL
6-27	PLNS-0154CEZZ	J	Flyeye Lens, x2	BG
6-29	PMiR-0217CEZZ	J	Mirror-M2	BC
6-30	PMiR-0218CEZZ	J	Mirror-M3	AZ
6-31	PLNS-0156CEZZ	J	PBS	CB
6-32	MSPRP1205CEFW	J	Flyeye Fitting Spring,x2	AD
6-33	PSLDP3057CEFW	J	PBS Aperture	AE
6-34	LHLDZ3059CEFW	J	M1 Adjust Lever Ass'y	AK
6-35	LHLDZ3060CEFW	J	M Adjust Lever Ass'y, x2	AH
6-36	CLNS-0147CE01	J	Projection Lens	CG
6-37	RLCDP0066CEZZ	J	LCD Module Unit, Red	CN
6-38	RLCDP0067CEZZ	J	LCD Module Unit, Green	CN
6-39	RLCDP0068CEZZ	J	LCD Module Unit, Blue	CN
6-40	PMiR-0215CEZZ	J	Cross Prizm (with Base)	CG
6-41	LANGH0144CEFW	J	Light Shielding Plate	AE
6-42	RH-HZ0048CEZZ	J	Temp. Sensor	AN
6-43	LANGU9029CEFW	J	Angle, for Temp. Sensor	AF
6-45	XAPSF20P05000	J	Screw M2-5, x2	AA
6-46	LX-BZ3402CEZZ	J	Screw 2P-5, x13	AB
6-47	XSSSF20P06000	J	Screw M2-6, x9	AA
6-48	XBPSD26P04000	J	Screw M2.6-4	AA
6-49	LX-BZ3370CEFD	J	Screw 2.6P-6, x5	AB
6-51	XBPSD26P06JS0	J	Screw 3P-8, x6	AA
6-52	XBBSD26P08000	J	Screw M3-8, x7	AA
6-53	XBPSD30P08JS0	J	Screw M3-8, x7	AA
6-54	XJPSD30P08000	J	Screw M3-8, x4	AA
6-55	XBBSD30P08000	J	Screw M3-8, x6	AA
6-56	XEBSD30P10000	J	Screw M3-10, x2	AA
6-57	XBPSD40P20000	J	Screw M4-20, x2	AA
6-58	XEPSF40P30000	J	Screw M4-30, x2	AB
6-59	XEBSF20P05000	J	Screw M2-5, x2	AB
6-60	PSLDP3058CEFW	J	Angle	AG
6-61	PSPAZ0298CEZZ	J	Spacer	AC
6-62	QEARP0095CEFW	J	Earth Plate	AH

POWER/BALLAST UNIT PARTS /
TEILE FÜR NETZ-/BALLASTEINHEIT
电源 / 镇流电路装置的零件分解图



Ref. No.	Part No.	★	Description	Code

POWER/BALLAST UNIT PARTS

	12	*Not Available*	–	Power/Ballast Unit Ass'y	—
	12-1	95C0MPS03180	J	Power Case	BC
	12-2	95C0MPS03190	J	Cover	AZ
	12-3	95C0M525A0010	J	Holder	AG
	12-4	95C0MPS0320	J	Cover	AX
	12-5	95C0PPS00640	J	Insulating Sheet	BB
	12-6	95C0PPS00670	J	Insulating Sheet	AU
	12-7	95C0PPS00650	J	Insulating Sheet	AT
	12-8	95C0PPS00690	J	Insulating Sheet	AP
	12-9	95C0PPS00660	J	Insulating Sheet	AU
	12-10	95C0K504A0010	J	Fan	BP
⚠	12-11	*Not Available*	–	Power Unit	—
⚠	12-12	RDENC0275CEZZ	J	Ballast Unit (The ballast unit is supplied only as an assembly.)	CD
	12-13	XBSSD30P16000	J	Screw	AA
	12-14	95C0M118A0010	J	Screw	AC
	12-15	95C0M524A0010	J	Spacer	AG
	12-16	95C0M510A0020	J	Spacer	AH
	12-18	XBPSD30P04000	J	Screw	AA

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

ACCESSORIES

	PFiLD0076CEZZ	J	Extra Air Filter	AE
⚠	QACCV4002CEZZ	J	AC Cord (XG-NV4SE: For Europe)	AZ
⚠	QACCV4001CEZZ	J	AC Cord (XG-NV4SM)	AX
⚠	QACCB5024CEZZ	J	AC Cord (XG-NV4SE: For U.K. and Hong Kong)	BA
⚠	QACCL3022CEZZ	J	AC Cord (XG-NV4SE: For Australia and NewZealand)	AZ
⚠	QACCZ3030CESA	J	AC Cord (XG-NV40SA)	
	QCNW-5108CEZZ	J	Computer Cable	AX
	QCNW-5112CEZZ	J	Mouse Control Serial Cable	AP
	QCNW-5113CEZZ	J	Mouse Control Cable for IBM PS/2	AN
	QCNW-5114CEZZ	J	Mouse Control Cable for Mac	AN
	QCNW-4870CEZZ	J	Computer Audio Cable	AQ
	QPLGJ1512CEZZ	J	Macintosh Adaptor	AY
	RUNTK0632CEN1	J	Remote Mouse Receiver	BP
	RRMCG1463CESA	J	Wireless Mouse R/C Unit (XG-NV4SE/SM)	BR
	RRMCG1465CESA	J	Wireless Mouse R/C Unit (XG-NV40SA)	
	TiNS-6543CEZZ	J	Operation Manual	AW
	GCASN0001CESA	J	Carrying Bag	BM
	GCOVH1307CESA	J	Lens Cap	AV

ACCESSORIES (NOT REPLACEMENT ITEM)

	—	–	Four AA Size Batteries	—

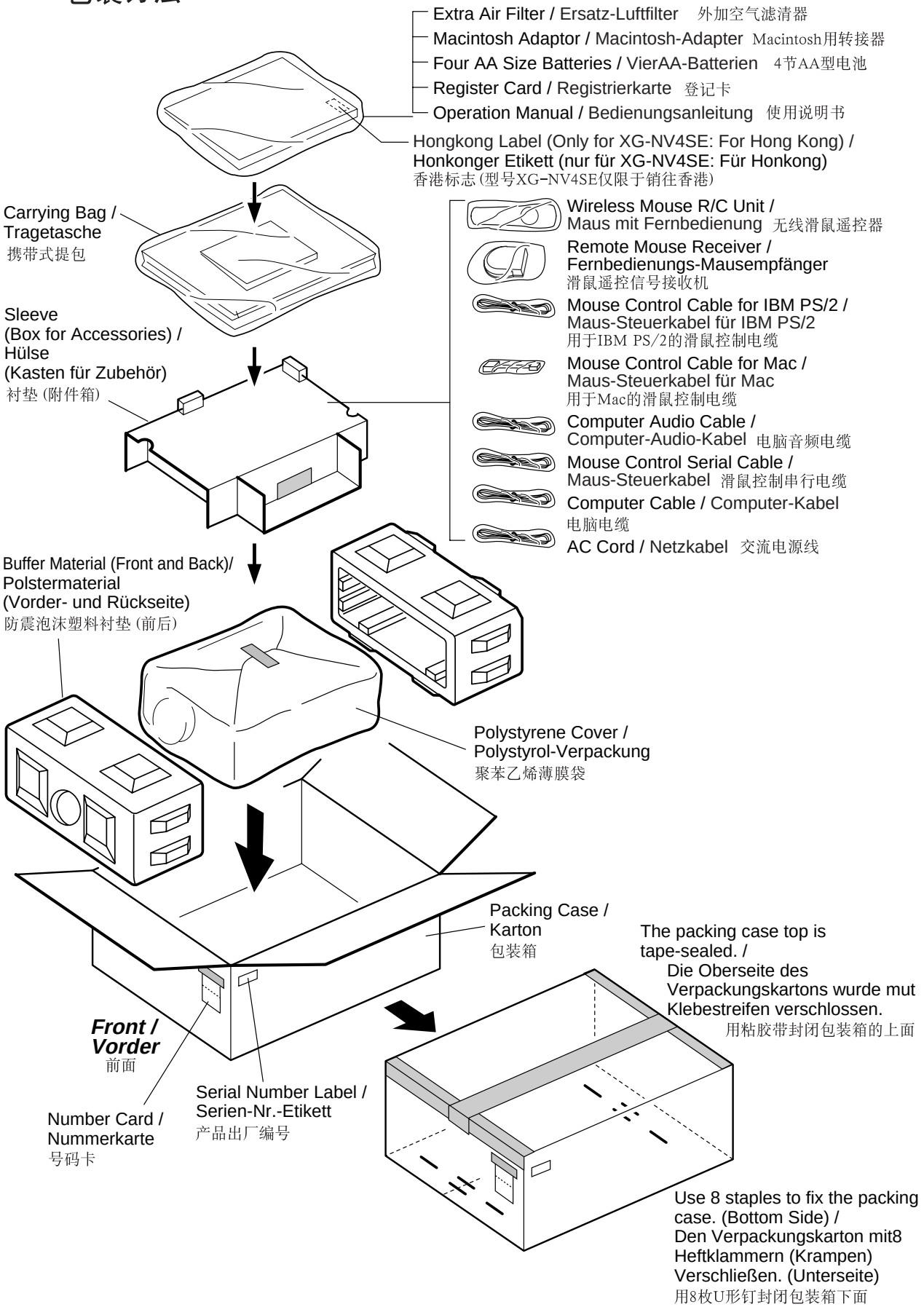
PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKC5279CEZZ	–	Packing Case (XG-NV4SE)	—
	SPAKC5281CEZZ	–	Packing Case (XG-NV4SM)	—
	SPAKC5283CEZZ	–	Packing Case (XG-NV40SA)	—
	SPAKP0805CEZZ	–	Polystyrene Cover	—
	SPAKX2858CEZZ	–	Buffer Material	—
	SPAKF0402CEZZ	–	Sleeve(Box for Accessories)	—
	TLABK0001TAZZ	–	Number Card	—
	TLABN0157CEZZ	–	Serial Number Label	—
	TLABS0164CEZZ	–	Label (XG-NV40SA)	—
	TLABS0230CEZZ	–	Label (XG-NV4SE: For Hong Kong)	—
	TLABS0231CEZZ	–	Label (XG-NV4SE: For Hong Kong)	—

SERVICE JIGS
(Use for servicing)

	9DASPN-XGNV1U	J	Spanna, 3mm (Off-set Cam Adjustment)	BG
	9DADRiVER-NV4U	J	Off-set Driver (Focus Adjustment)	CA
	9EQDRiVER-NV1B	J	Screwdriver, (–) (Focus Adjustment)	BL
	9EQLNC-XGNV4U or 9EQLNC-XGNV1U	J	Hexagon Wrench, 2mm (Convergence Adjustment)	AU BA
	QCNW-5058CEZZ	J	Extension Cable 28-pin Signal(P1501)-Output(SC1501) Signal(P1502)-Output(SC1502)	CB
	QCNW-4767CEZZ	J	Extension Cable 30-pin Signal (VS)-Video (VS) Signal (TN)-PC Terminal (TN)	BT
	QCNW-5057CEZZ	J	Extension Cable 60-pin Output (TC1)-PC I/F (TC1) Output (TC2)-PC I/F (TC2) Output (TC3)-PC I/F (TC3)	CD
	QCNW-5056CEZZ	J	Extension Cable 24-pin LCD Panel-Output	BS

PACKING OF THE SET / VERPACKEN DES GERÄTS
包装方法


Extra Air Filter / Ersatz-Luftfilter 外加空气滤清器
Macintosh Adaptor / Macintosh-Adapter Macintosh用转接器
Four AA Size Batteries / VierAA-Batterien 4节AA型电池
Register Card / Registrierkarte 登记卡
Operation Manual / Bedienungsanleitung 使用说明书
Hongkong Label (Only for XG-NV4SE: For Hong Kong) / Honkonger Etikett (nur für XG-NV4SE: Für Honkong)
香港标志(型号XG-NV4SE仅限于销往香港)
Carrying Bag / Tragetasche
携带式提包
Wireless Mouse R/C Unit / Maus mit Fernbedienung 无线滑鼠遥控器
Remote Mouse Receiver / Fernbedienungs-Mausempfänger
滑鼠遥控信号接收机
Mouse Control Cable for IBM PS/2 / Maus-Steuerkabel für IBM PS/2
用于IBM PS/2的滑鼠控制电缆
Mouse Control Cable for Mac / Maus-Steuerkabel für Mac
用于Mac的滑鼠控制电缆
Computer Audio Cable / Computer-Audio-Kabel 电脑音频电缆
Mouse Control Serial Cable / Maus-Steuerkabel 滑鼠控制串行电缆
Computer Cable / Computer-Kabel
电脑电缆
AC Cord / Netzkabel 交流电源线
Sleeve
(Box for Accessories) / Hülse
(Kasten für Zubehör)
衬垫(附件箱)
Buffer Material (Front and Back)/ Polstermaterial
(Vorder- und Rückseite)
防震泡沫塑料衬垫(前后)
Polystyrene Cover / Polystyrol-Verpackung
聚苯乙烯薄膜袋
Packing Case / Karton
包装箱
The packing case top is tape-sealed. / Die Oberseite des Verpackungskartons wurde mut Klebestreifen verschlossen.
用粘胶带封闭包装箱的上面
Front / Vorder
前面
Serial Number Label / Serien-Nr.-Etikett
产品出厂编号
Number Card / Nummerkarte
号码卡
Use 8 staples to fix the packing case. (Bottom Side) / Den Verpackungskarton mit8 Heftklammern (Krampen) Verschließen. (Unterseite)
用8枚U形钉封闭包装箱下面